

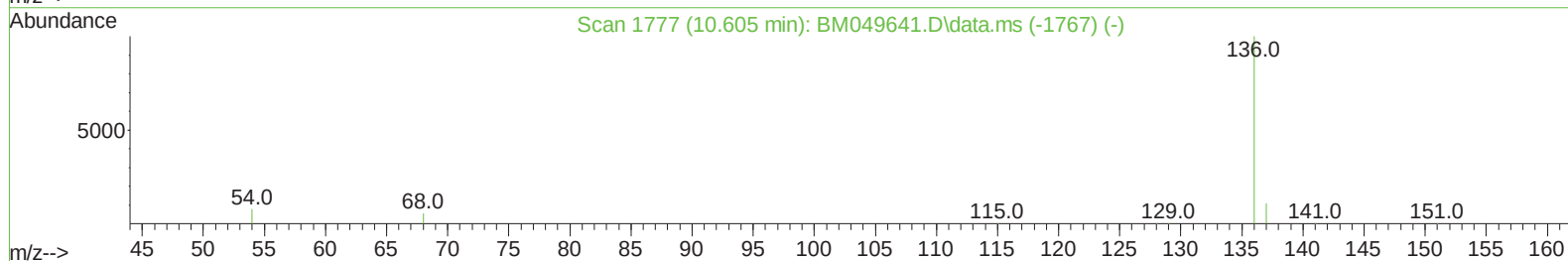
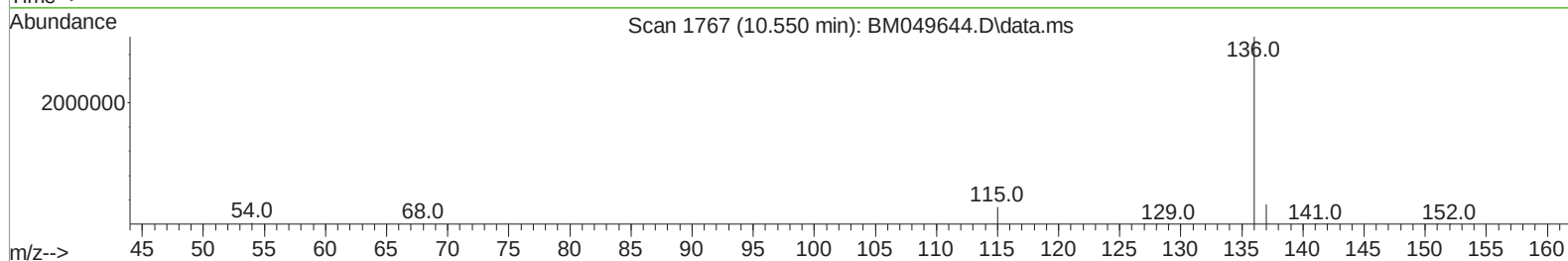
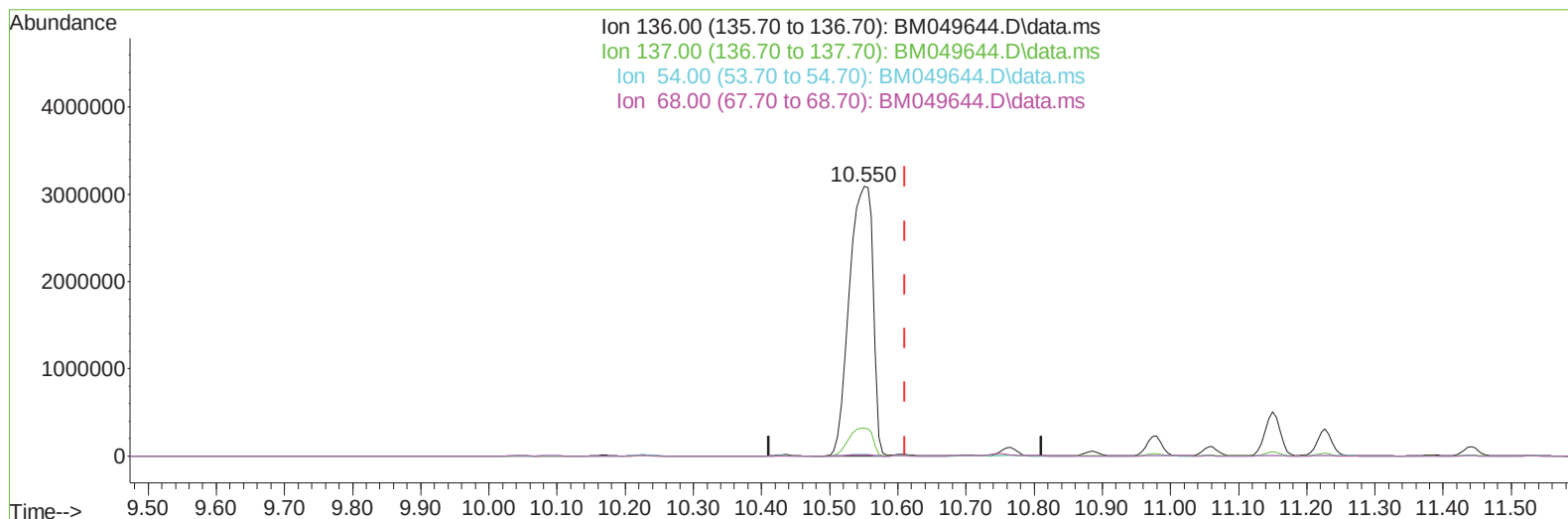
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021225\
Data File : BM049644.D
Acq On : 13 Feb 2025 11:46
Operator : RC/JU
Sample : Q1229-11
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E29B5

Manual IntegrationsAPPROVED

Quant Time: Feb 17 12:30:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 12 16:40:36 2025
Response via : Initial Calibration

Reviewed By :Rahul Chavli 02/19/2025
Supervised By :Jagrut Upadhyay 02/19/2025



TIC: BM049644.D\data.ms

(4) Naphthalene-d8 (I)

10.550min (-0.061) 0.40 ng/u1

response 7464832

Ion	Exp%	Act%
136.00	100.00	100.00
137.00	11.70	10.37
54.00	9.30	0.69#
68.00	7.30	0.49#

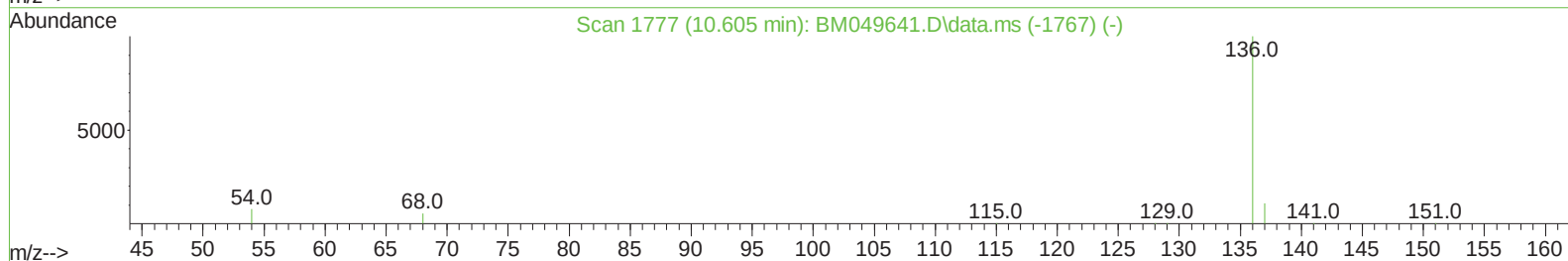
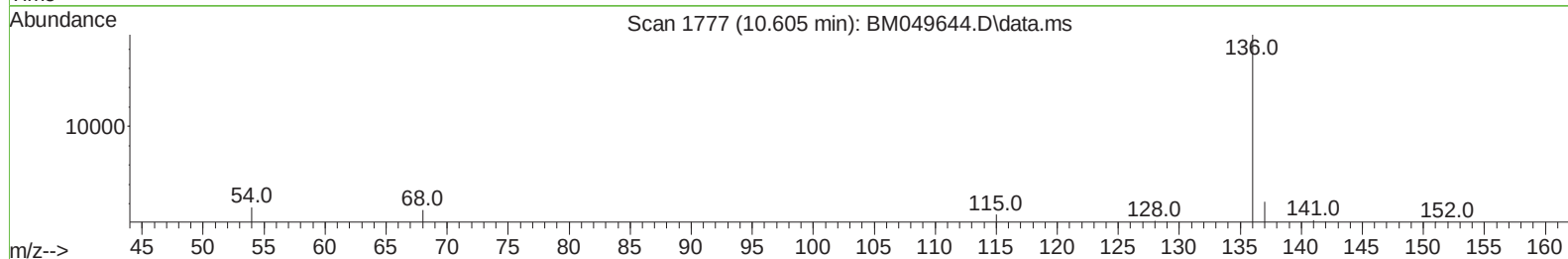
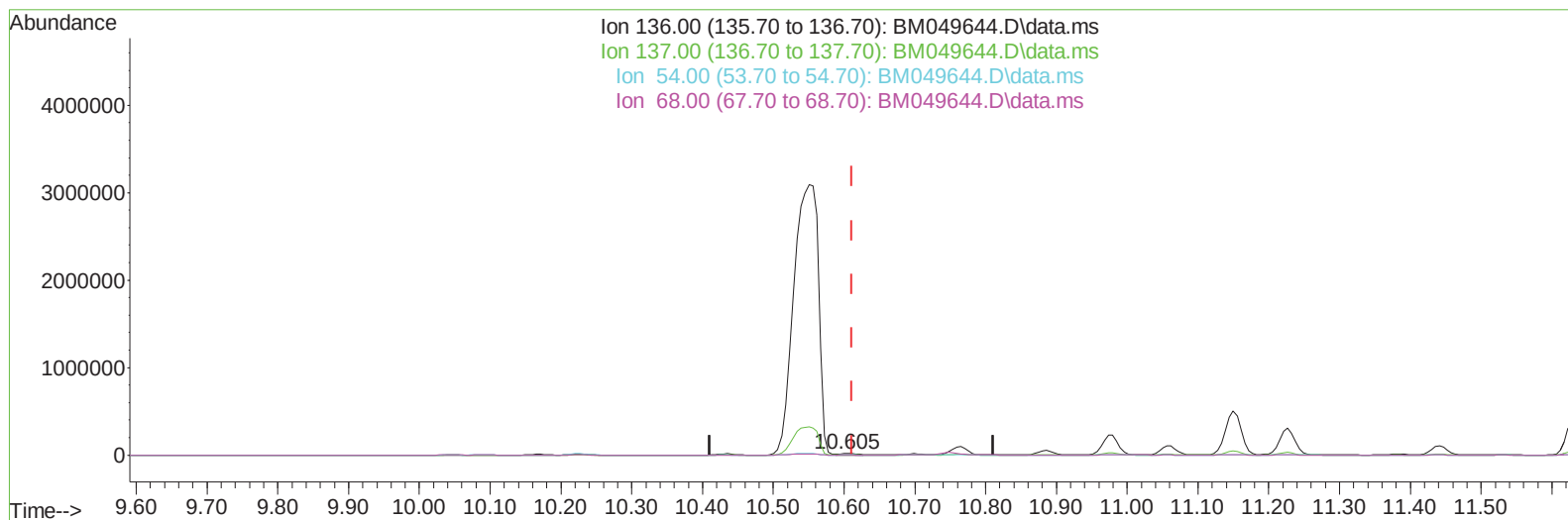
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021225\
Data File : BM049644.D
Acq On : 13 Feb 2025 11:46
Operator : RC/JU
Sample : Q1229-11
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E29B5

Manual IntegrationsAPPROVED

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TIC: BM049644.D\data.ms

(4) Naphthalene-d8 (I)

10.605min (-0.006) 0.40 ng/ul m

response 31348

Ion	Exp%	Act%
136.00	100.00	100.00
137.00	11.70	11.42
54.00	9.30	8.34
68.00	7.30	7.04

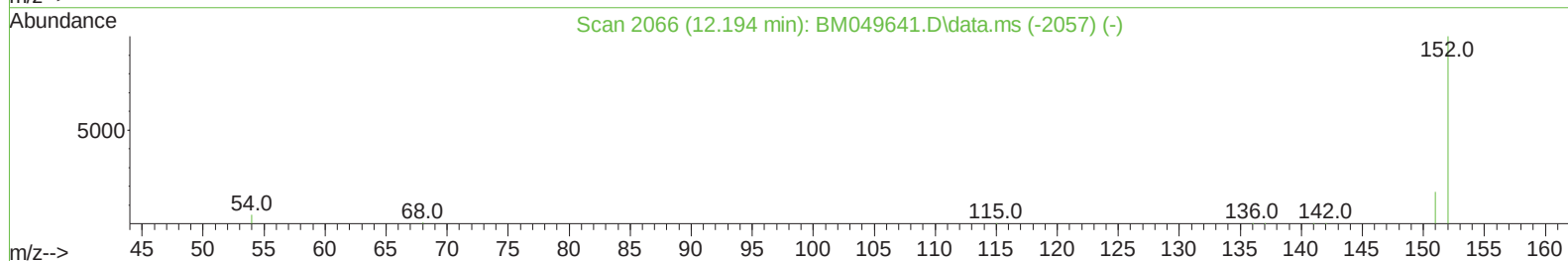
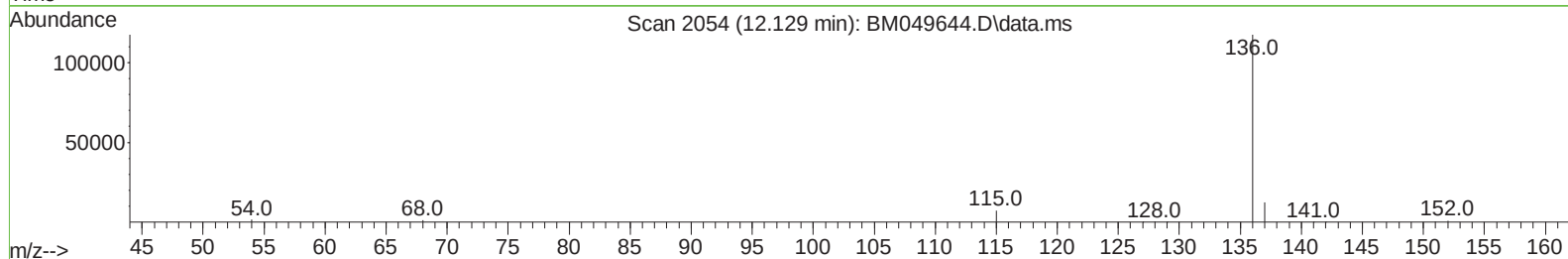
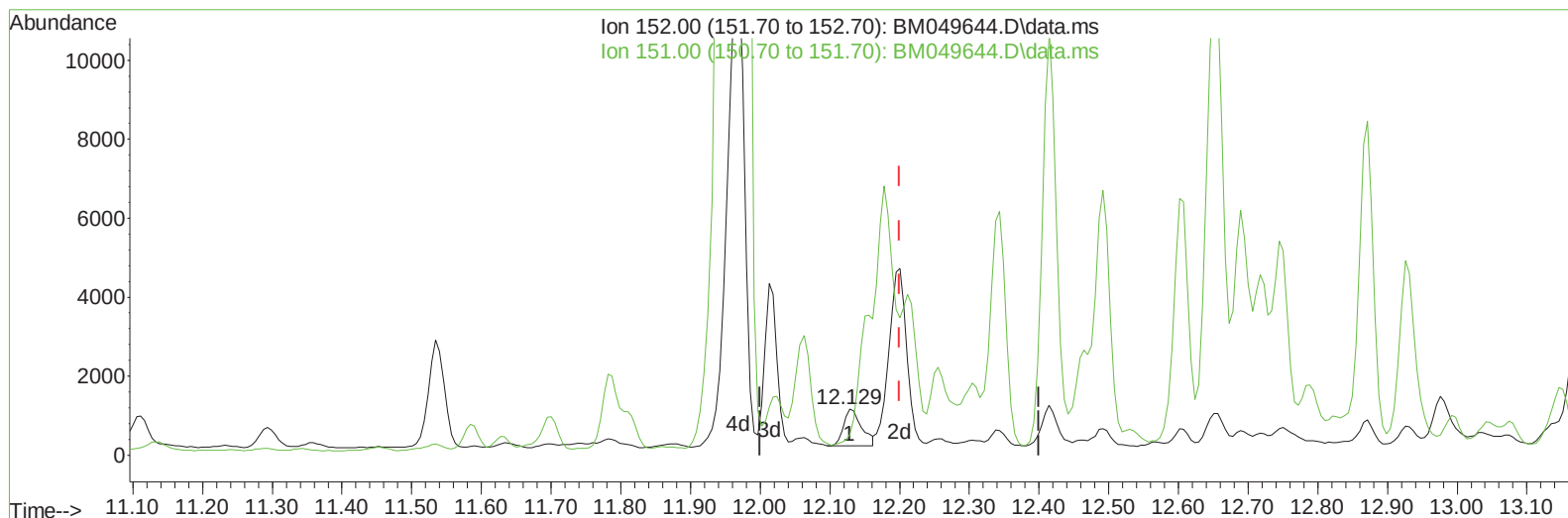
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021225\
Data File : BM049644.D
Acq On : 13 Feb 2025 11:46
Operator : RC/JU
Sample : Q1229-11
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E29B5

Manual IntegrationsAPPROVED

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TIC: BM049644.D\data.ms

(6) 2-Methylnaphthalene-d10 (SURR)

12.129min (-0.072) 0.04 ng/u1

response 1685

Ion	Exp%	Act%
152.00	100.00	100.00
151.00	20.10	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

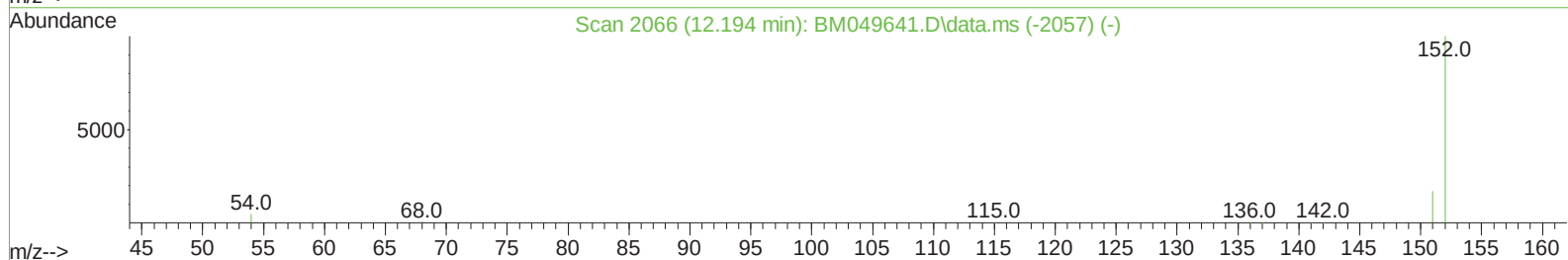
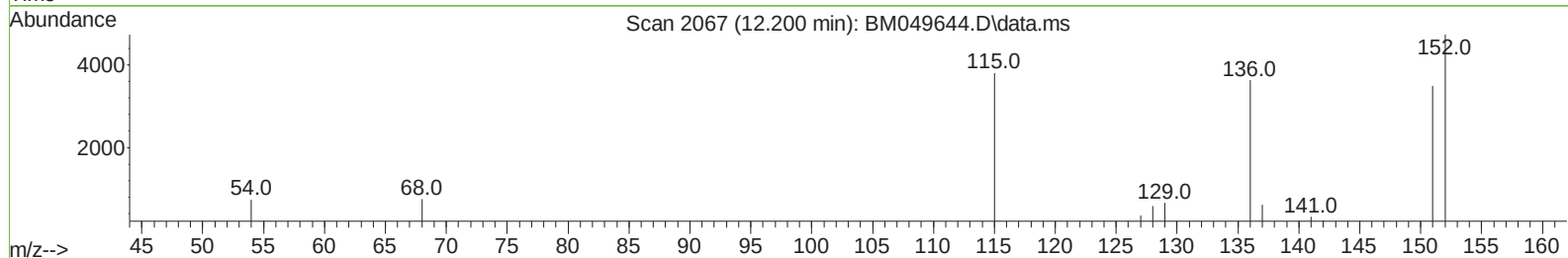
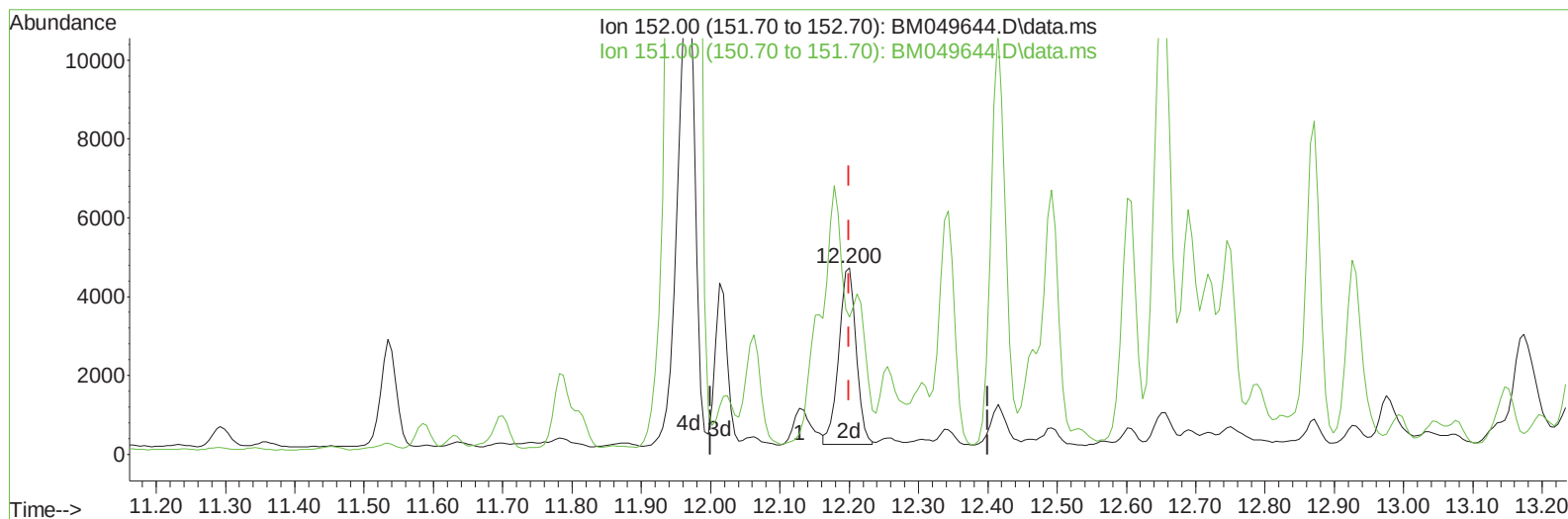
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021225\
Data File : BM049644.D
Acq On : 13 Feb 2025 11:46
Operator : RC/JU
Sample : Q1229-11
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E29B5

Manual IntegrationsAPPROVED

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TIC: BM049644.D\data.ms

(6) 2-Methylnaphthalene-d10 (SURR)

12.200min (-0.000) 0.18 ng/ul m

response 7814

Ion	Exp%	Act%
152.00	100.00	100.00
151.00	20.10	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

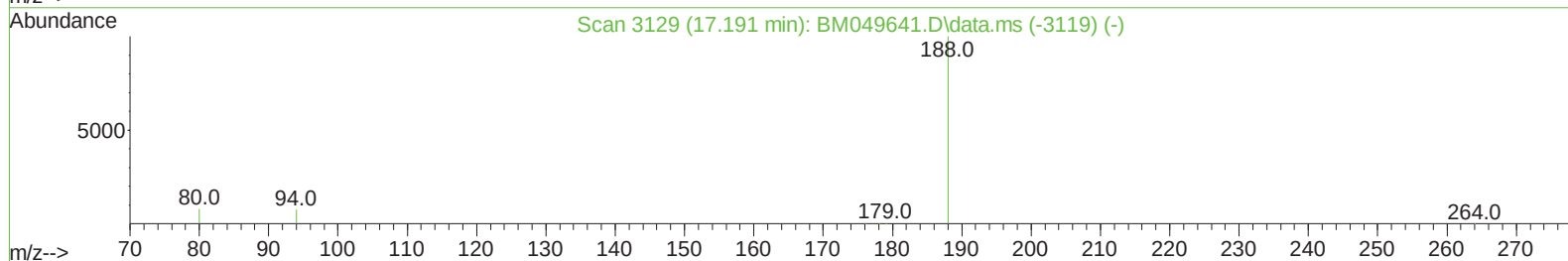
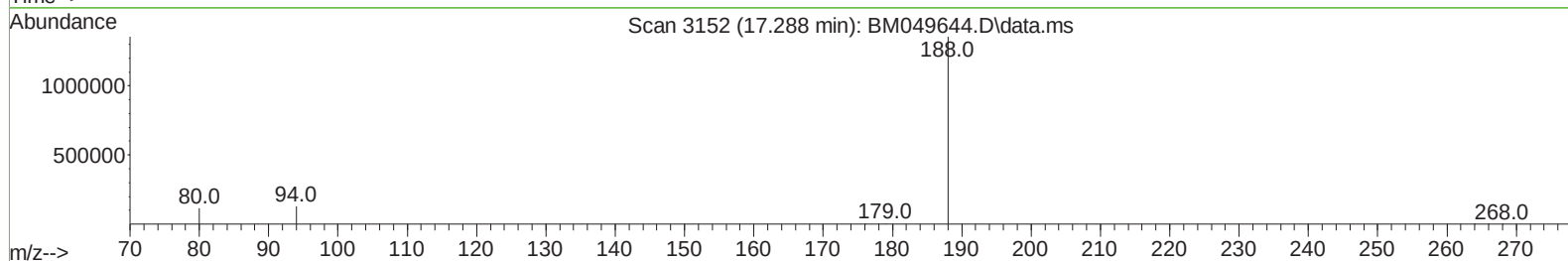
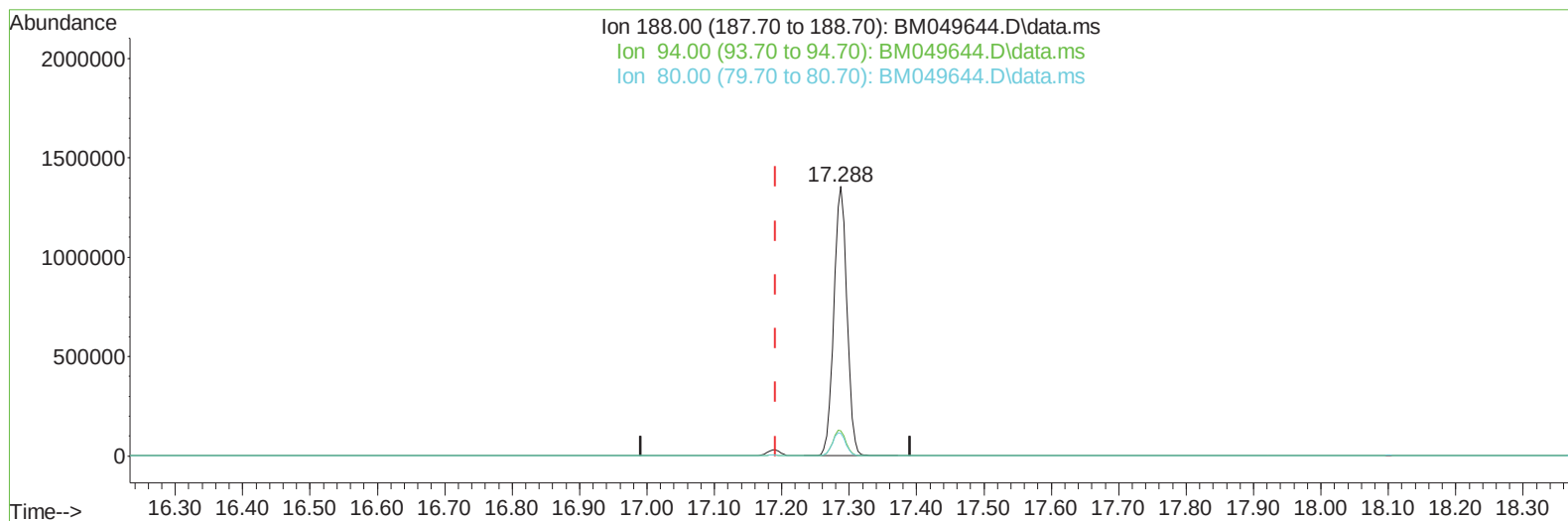
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021225\
Data File : BM049644.D
Acq On : 13 Feb 2025 11:46
Operator : RC/JU
Sample : Q1229-11
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E29B5

Manual IntegrationsAPPROVED

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TIC: BM049644.D\data.ms

(13) Phenanthrene-d10 (I)

17.288min (+ 0.097) 0.40 ng/u1

response 1822115

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	8.50	9.39
80.00	9.30	8.44
0.00	0.00	0.00

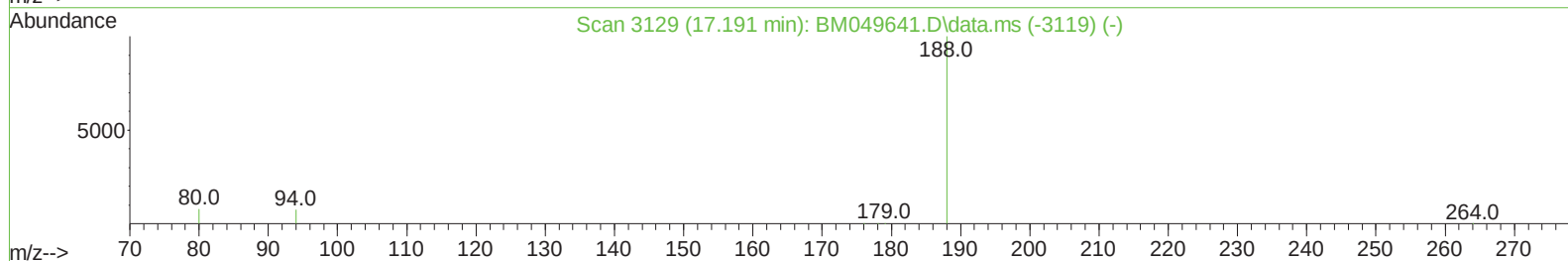
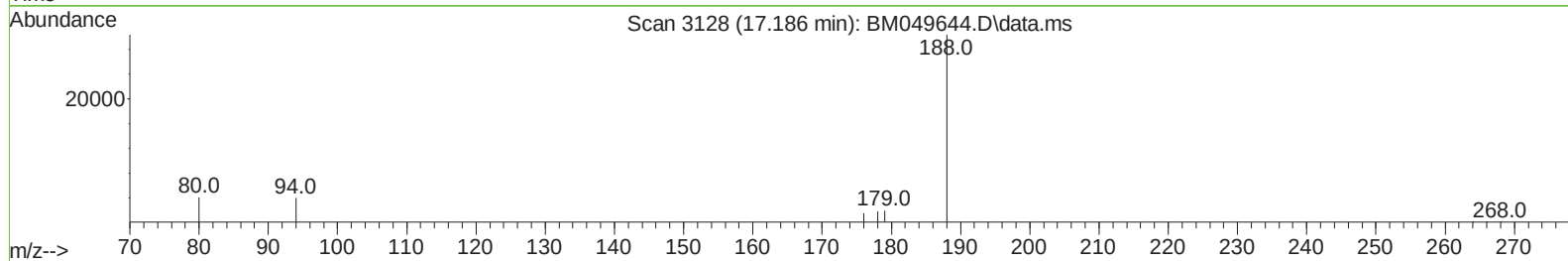
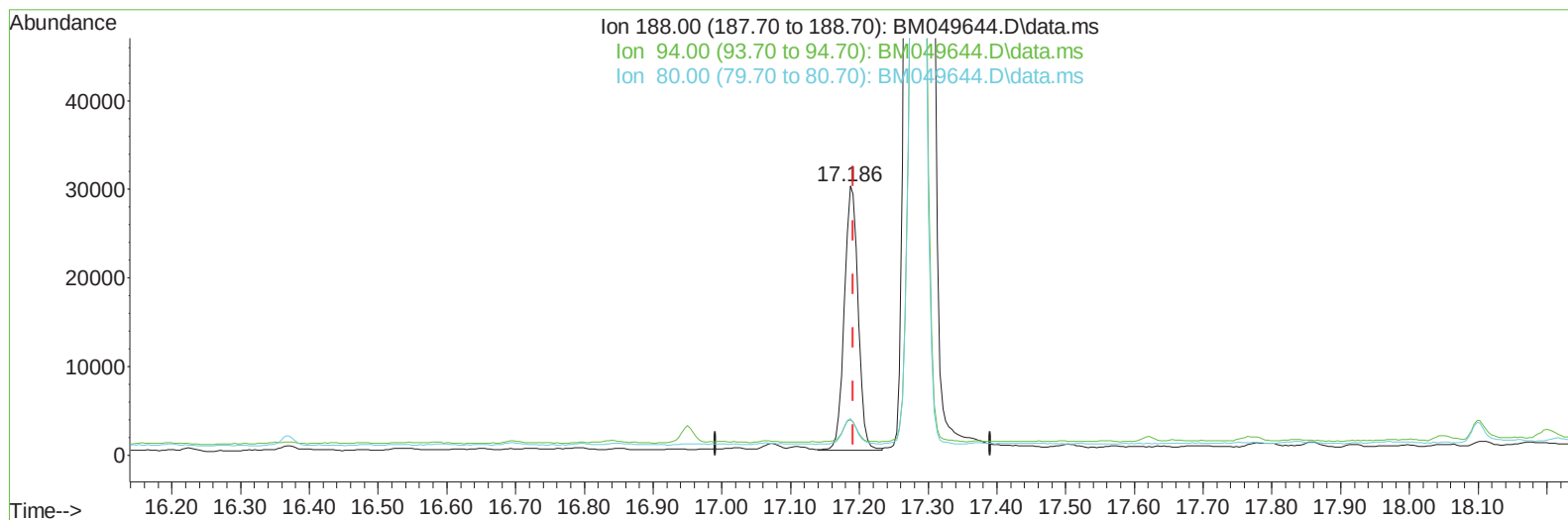
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021225\
Data File : BM049644.D
Acq On : 13 Feb 2025 11:46
Operator : RC/JU
Sample : Q1229-11
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E29B5

Manual IntegrationsAPPROVED

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TIC: BM049644.D\data.ms

(13) Phenanthrene-d10 (I)

17.186min (-0.004) 0.40 ng/ul m

response 41651

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	8.50	13.15#
80.00	9.30	13.47#
0.00	0.00	0.00

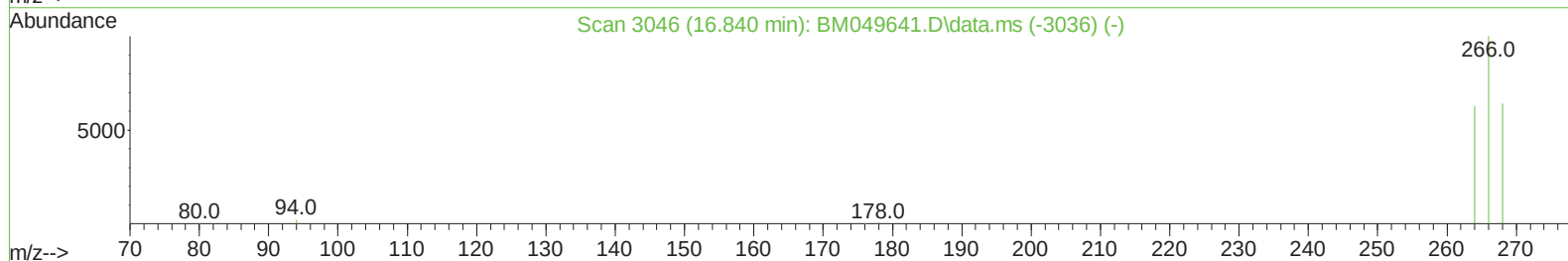
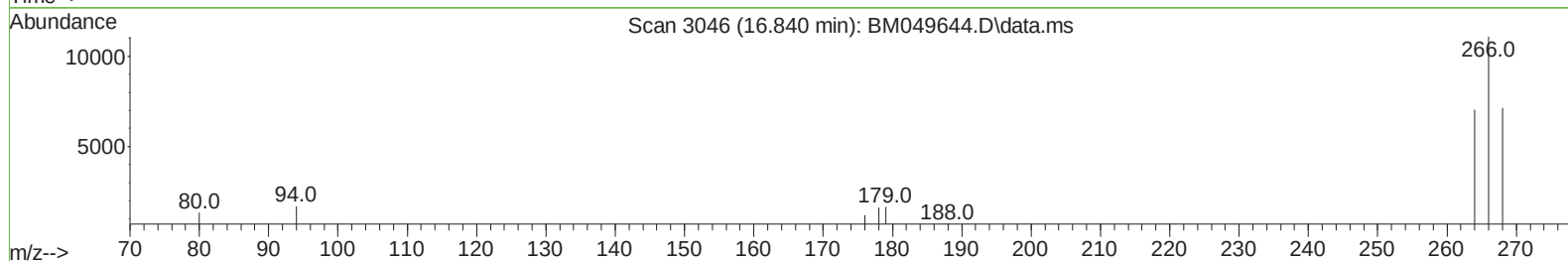
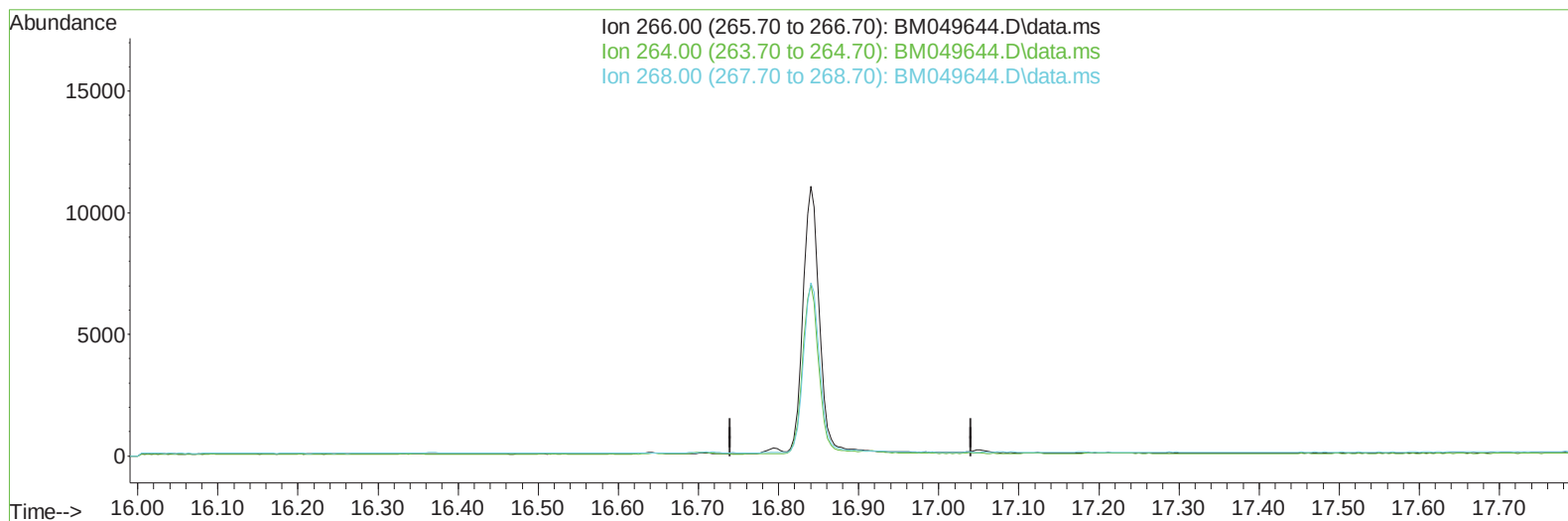
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021225\
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Operator : RC/JU
Sample : Q1229-11
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E29B5

Manual IntegrationsAPPROVED

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TIC: BM049644.D\data.ms

(14) Pentachlorophenol

16.840min (-16.840) 0.00 ng/ul

response 0

Ion	Exp%	Act%
266.00	100.00	0.00
264.00	62.90	0.00#
268.00	61.50	0.00#
0.00	0.00	0.00

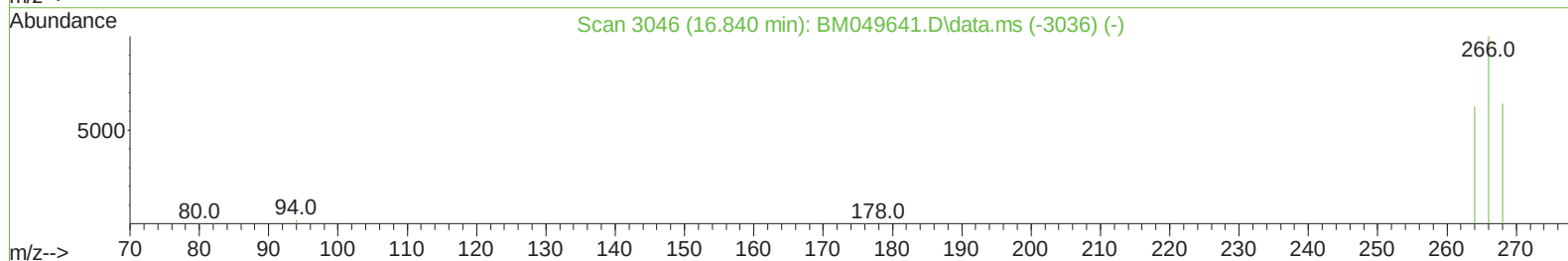
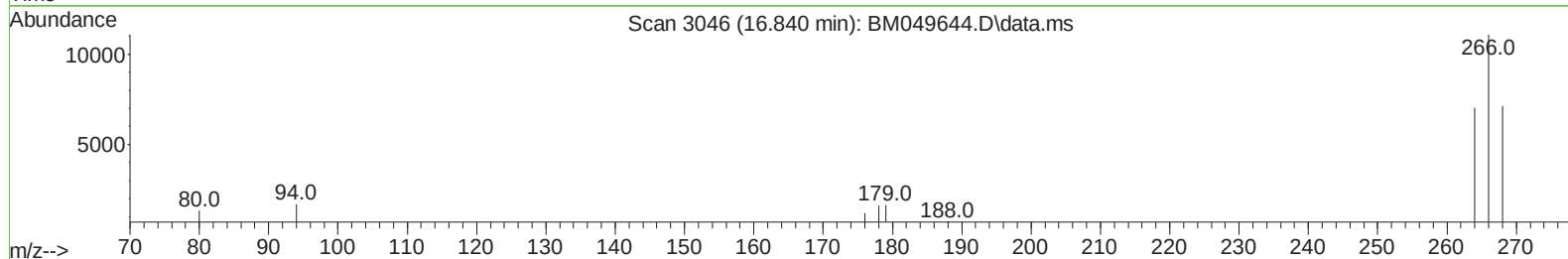
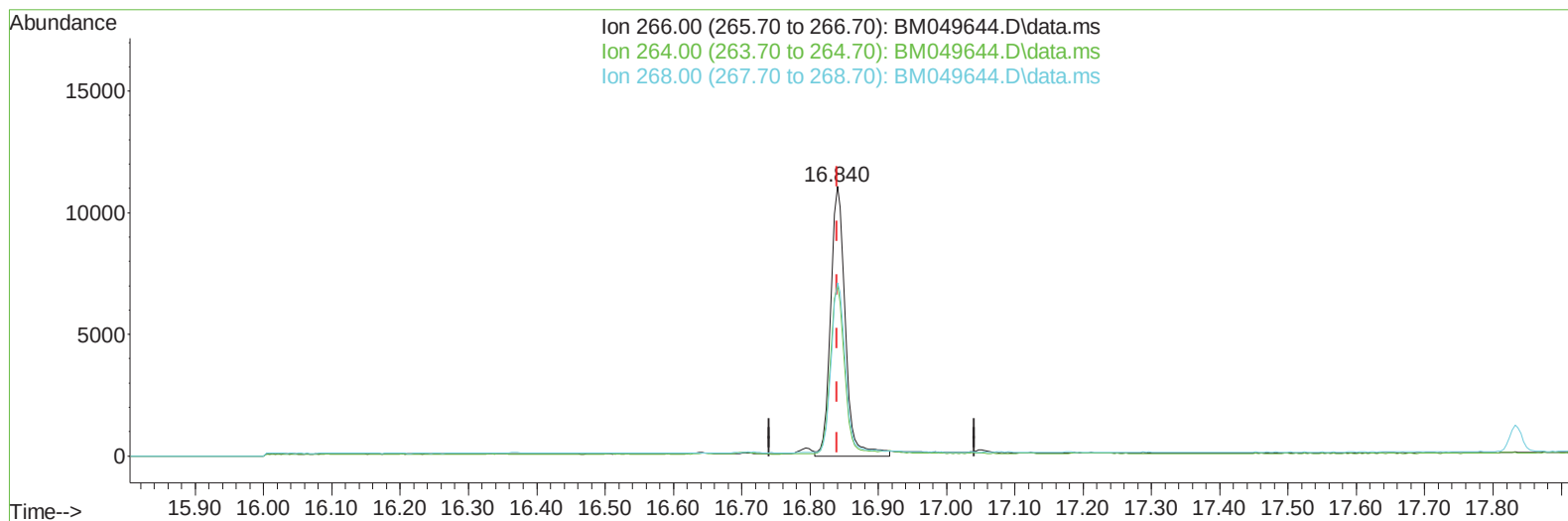
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021225\
Data File : BM049644.D
Acq On : 13 Feb 2025 11:46
Operator : RC/JU
Sample : Q1229-11
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E29B5

Manual IntegrationsAPPROVED

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TIC: BM049644.D\data.ms

(14) Pentachlorophenol

16.840min (-0.000) 1.94 ng/ul m

response 16550

Ion	Exp%	Act%
266.00	100.00	100.00
264.00	62.90	0.00#
268.00	61.50	0.00#
0.00	0.00	0.00

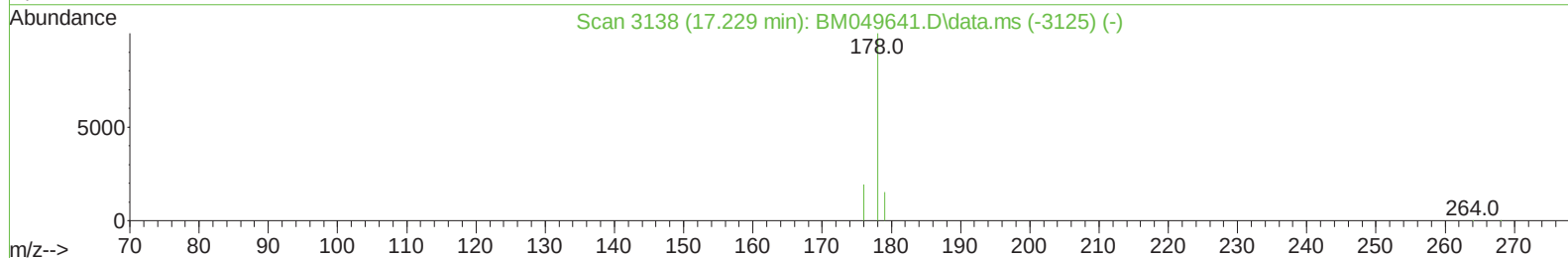
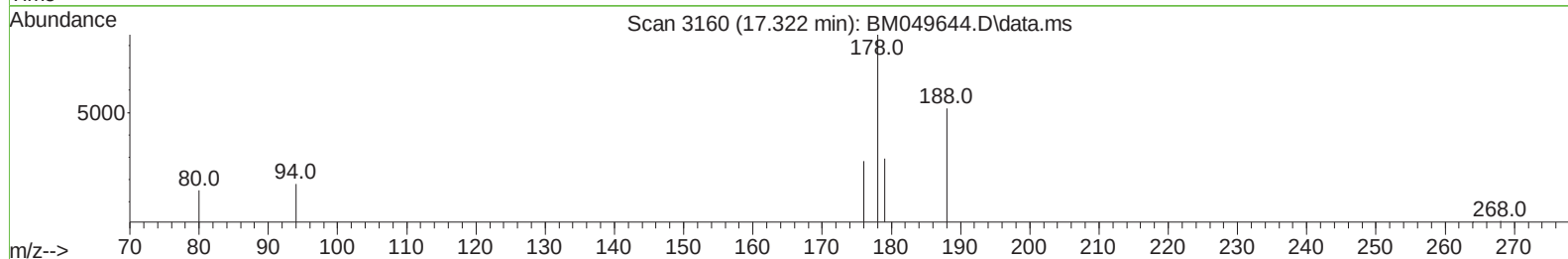
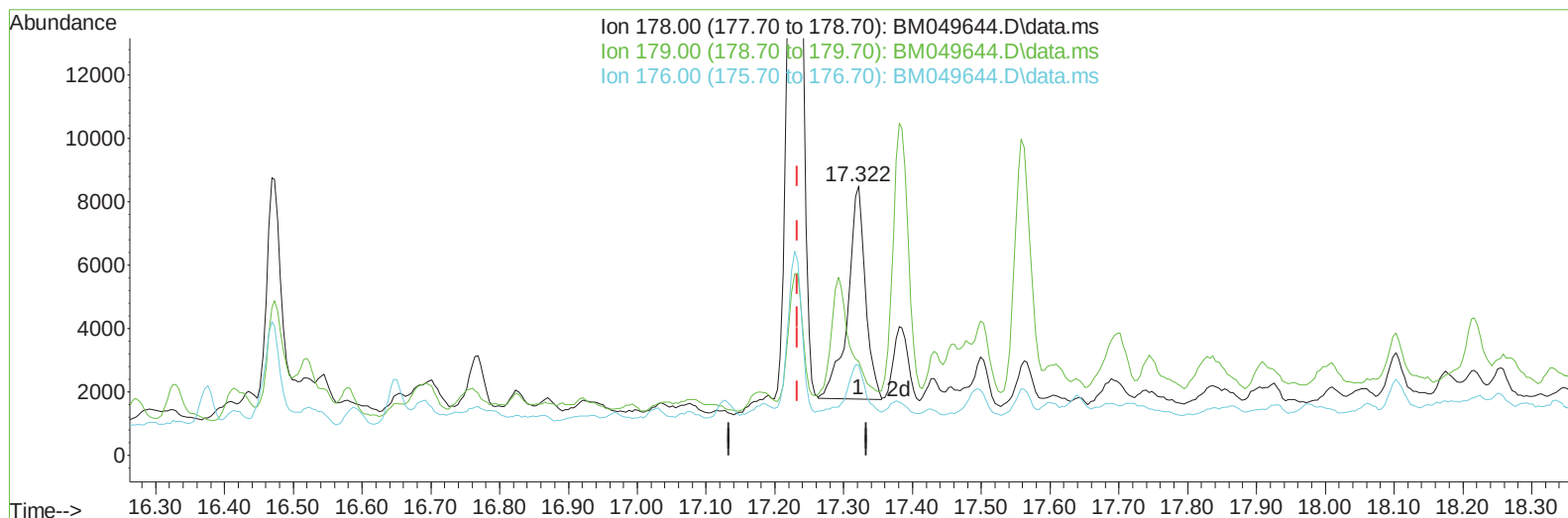
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021225\
Data File : BM049644.D
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Operator : RC/JU
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Misc :
ALS Vial : 34 Sample Multiplier: 1

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ClientSampleId :
E29B5

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TIC: BM049644.D\data.ms

(15) Phenanthrene

17.322min (+ 0.089) 0.11 ng/u1

response 11945

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.80	34.74#
176.00	20.20	33.35#
0.00	0.00	0.00

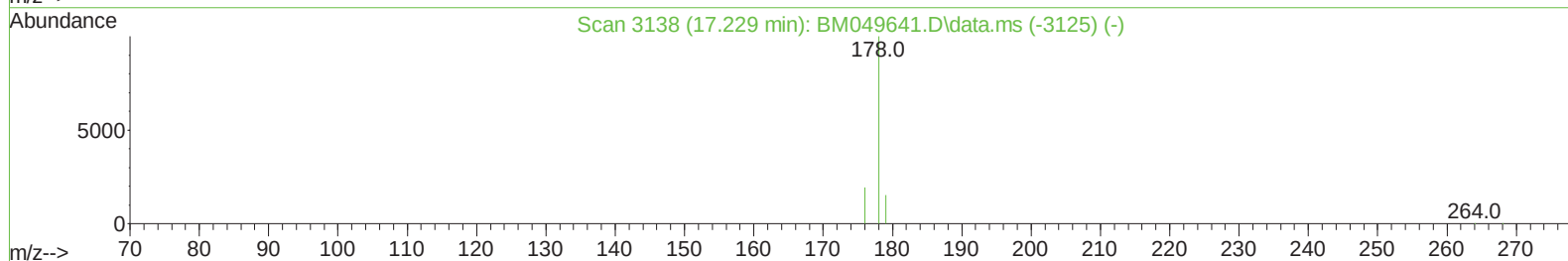
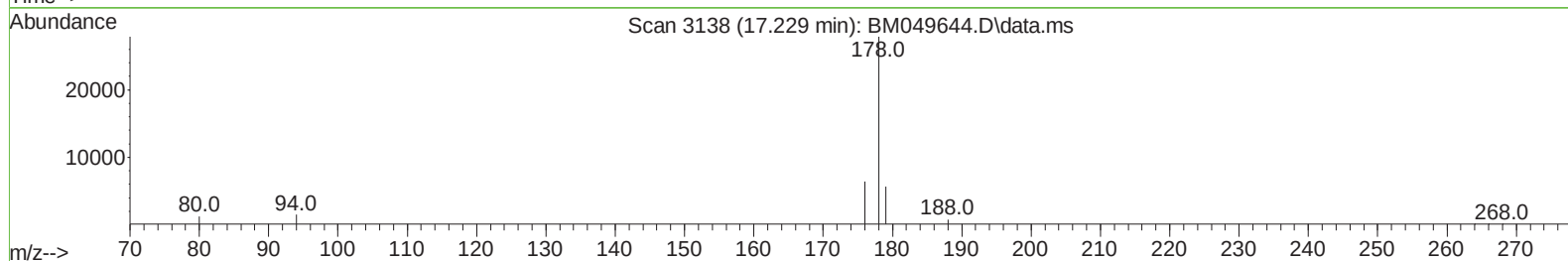
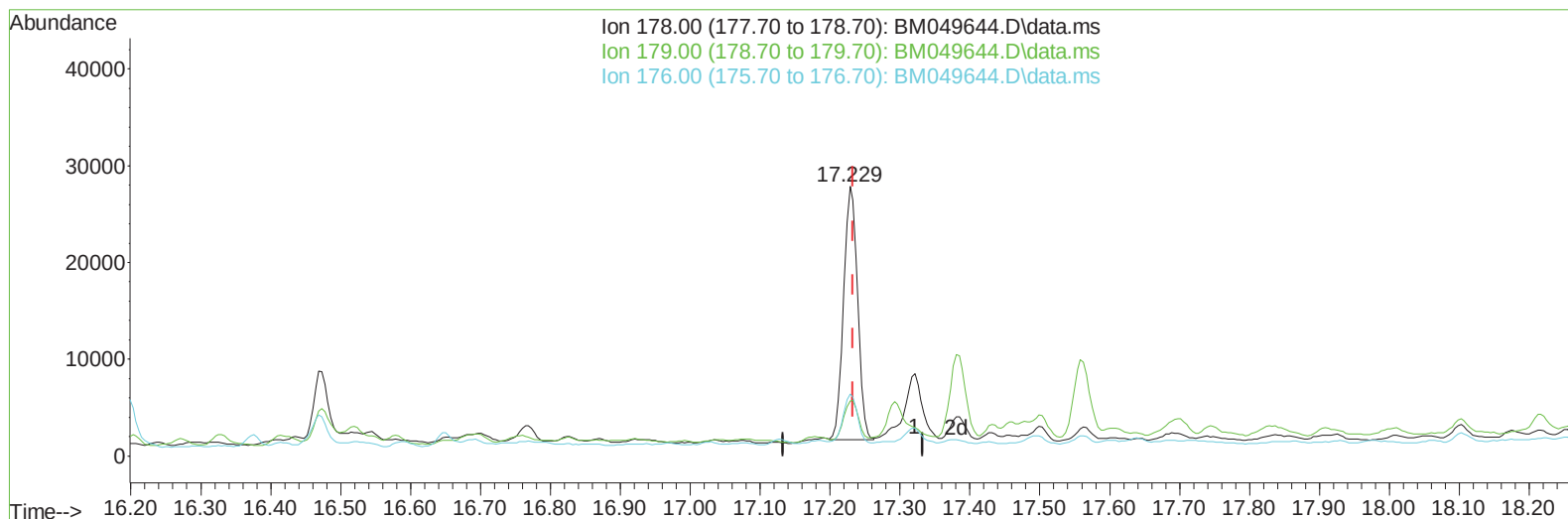
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021225\
Data File : BM049644.D
Acq On : 13 Feb 2025 11:46
Operator : RC/JU
Sample : Q1229-11
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E29B5

Manual IntegrationsAPPROVED

Quant Time: Feb 17 12:30:18 2025
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TIC: BM049644.D\data.ms

(15) Phenanthrene

17.229min (-0.004) 0.33 ng/ul m

response 36294

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.80	20.47#
176.00	20.20	23.09
0.00	0.00	0.00

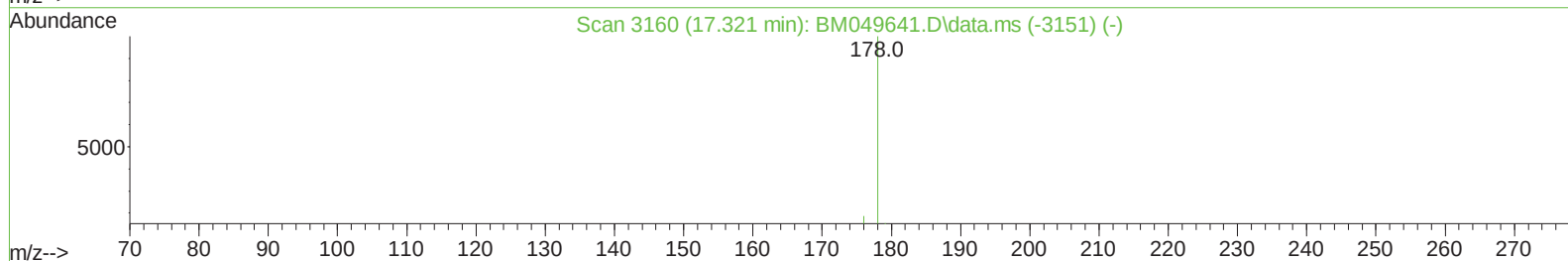
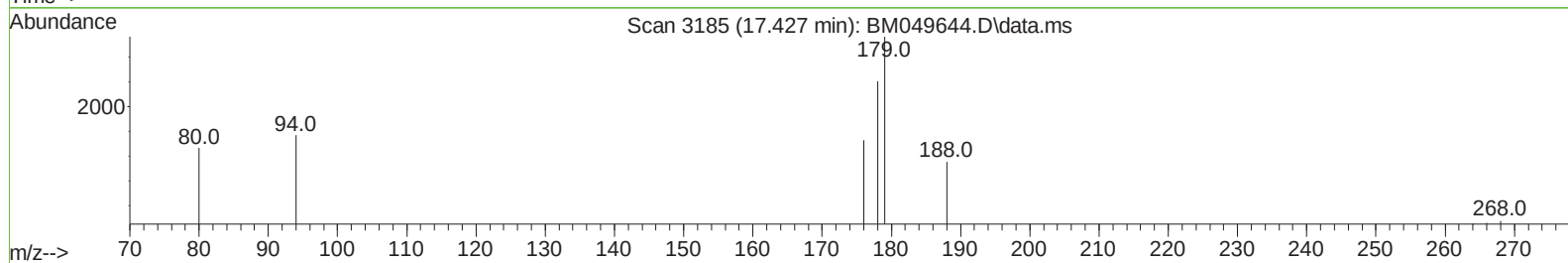
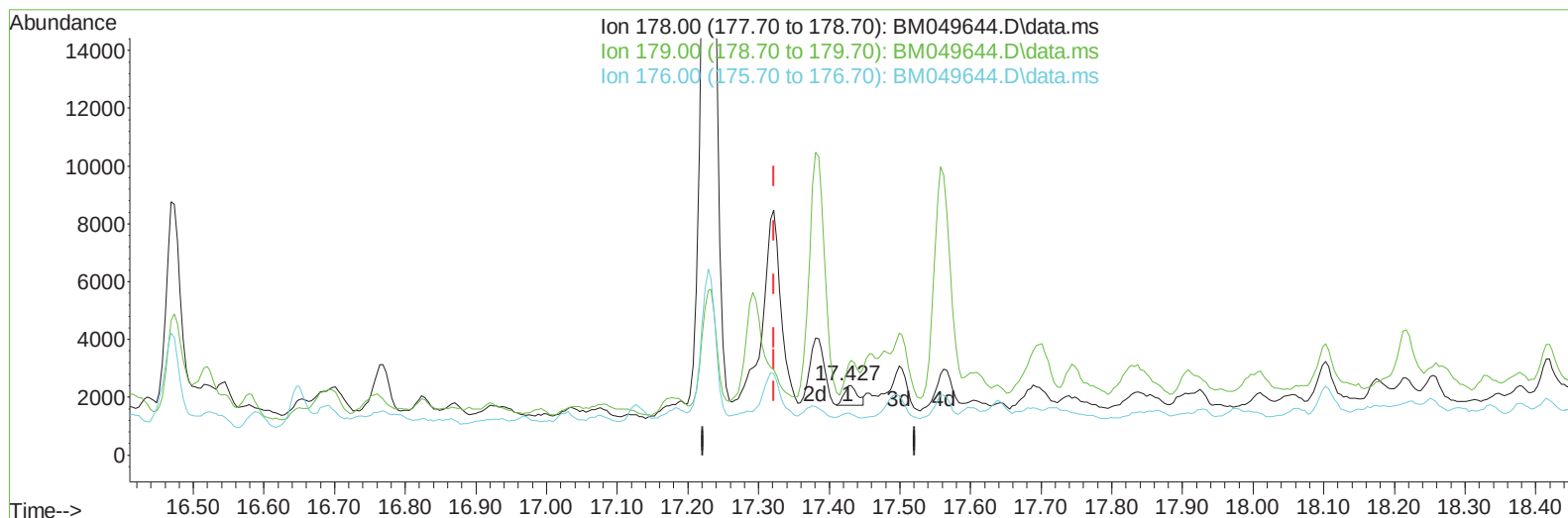
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021225\
Data File : BM049644.D
Acq On : 13 Feb 2025 11:46
Operator : RC/JU
Sample : Q1229-11
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
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ClientSampleId :
E29B5

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TIC: BM049644.D\data.ms

(16) Anthracene

17.427min (+ 0.105) 0.01 ng/u1

response 933

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.10	129.75#
176.00	19.70	60.37#
0.00	0.00	0.00

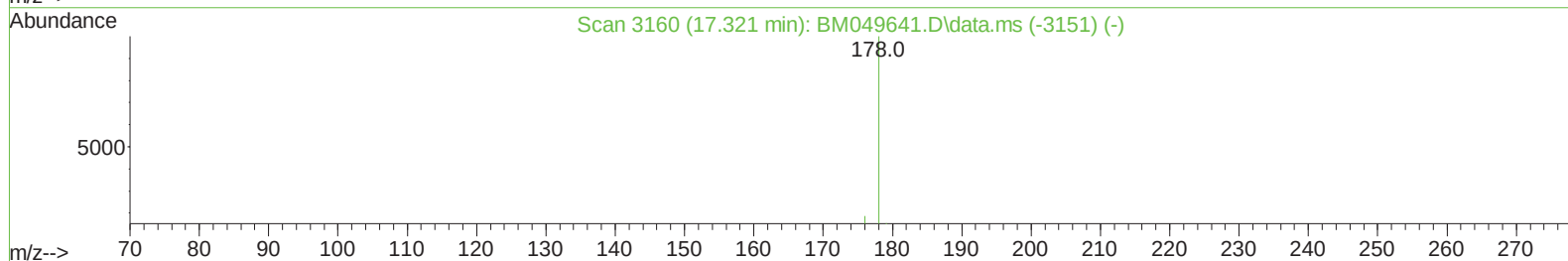
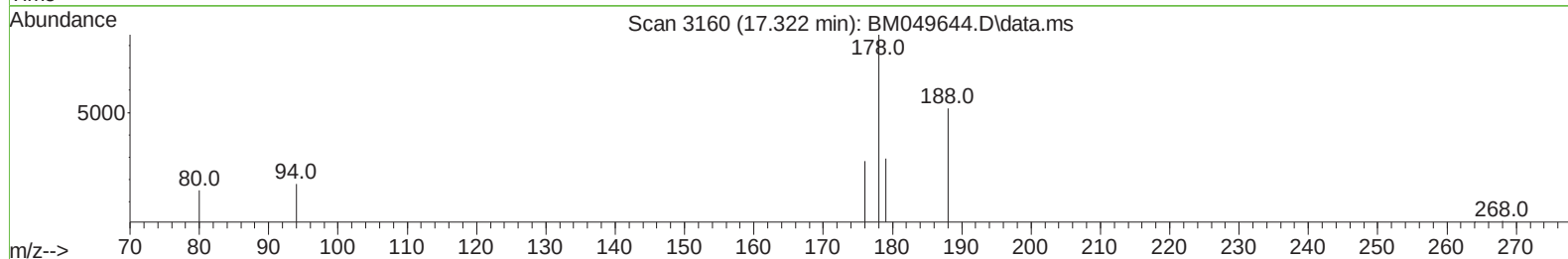
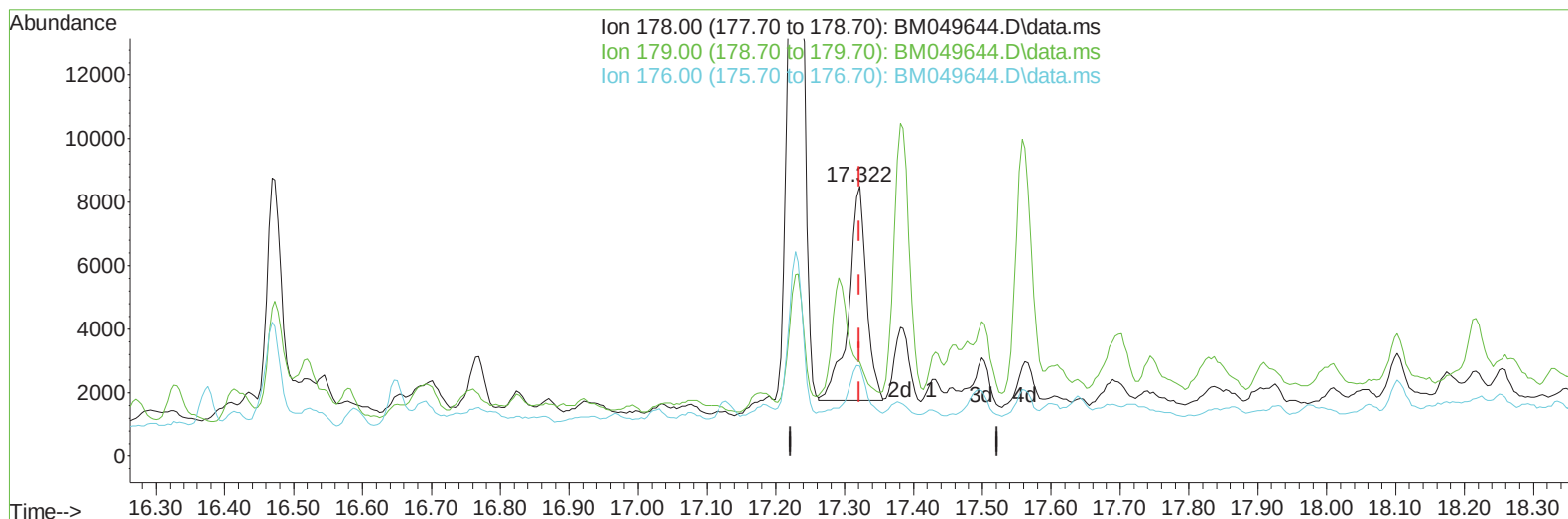
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021225\
Data File : BM049644.D
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Sample : Q1229-11
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
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TIC: BM049644.D\data.ms

(16) Anthracene

17.322min (-0.000) 0.12 ng/ul m

response 12089

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.10	34.74#
176.00	19.70	33.35#
0.00	0.00	0.00

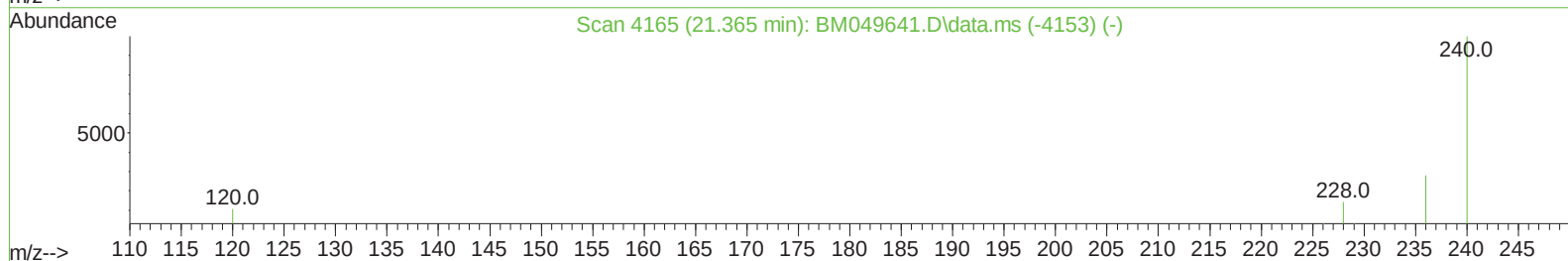
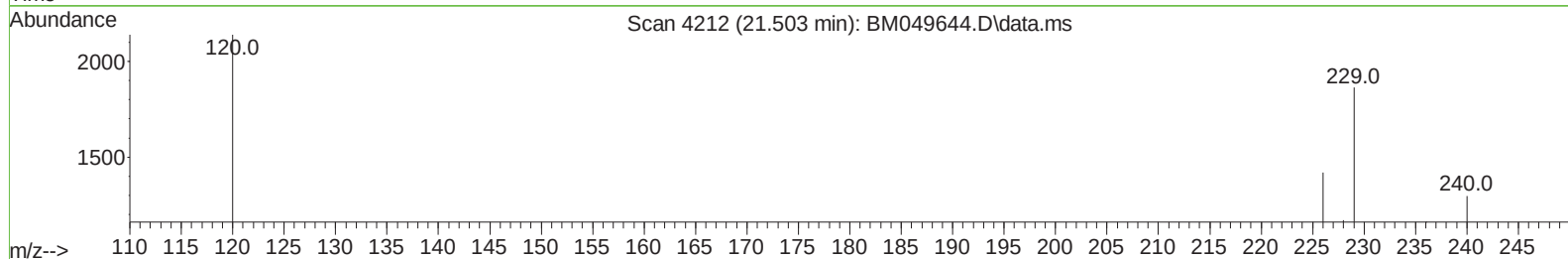
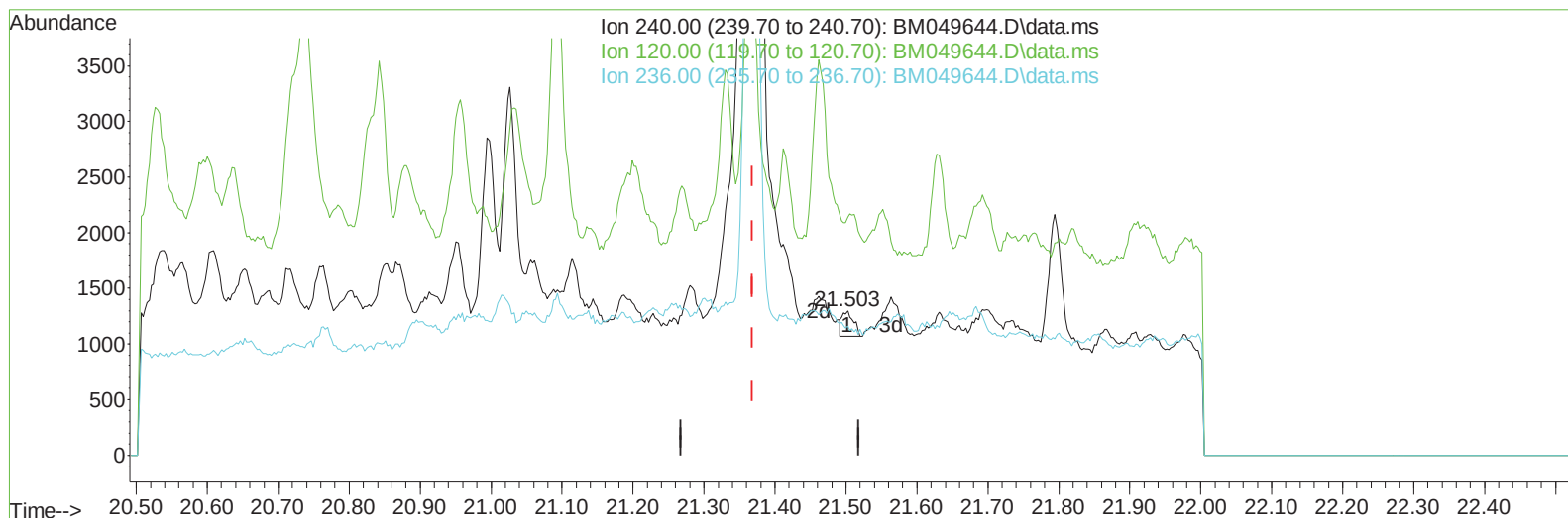
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021225\
Data File : BM049644.D
Acq On : 13 Feb 2025 11:46
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ALS Vial : 34 Sample Multiplier: 1

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TIC: BM049644.D\data.ms

(17) Chrysene-d12

21.503min (+ 0.134) 0.40 ng/u1

response 256

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	12.90	165.00#
236.00	29.30	89.44#
0.00	0.00	0.00

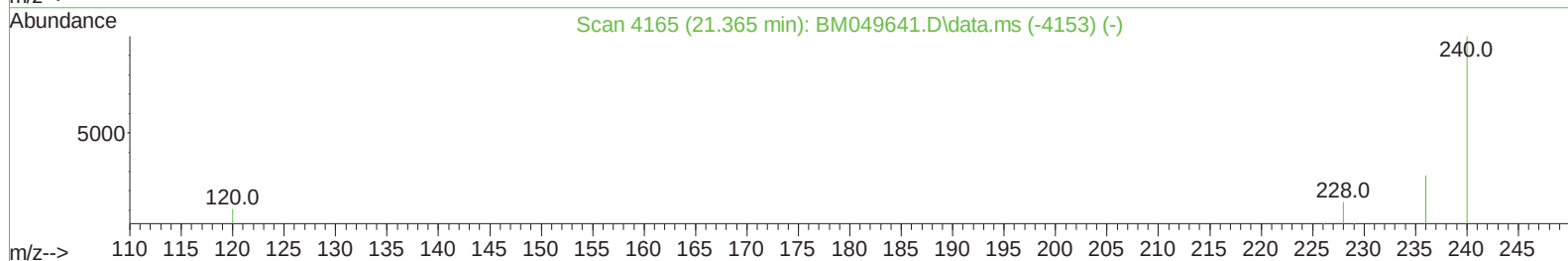
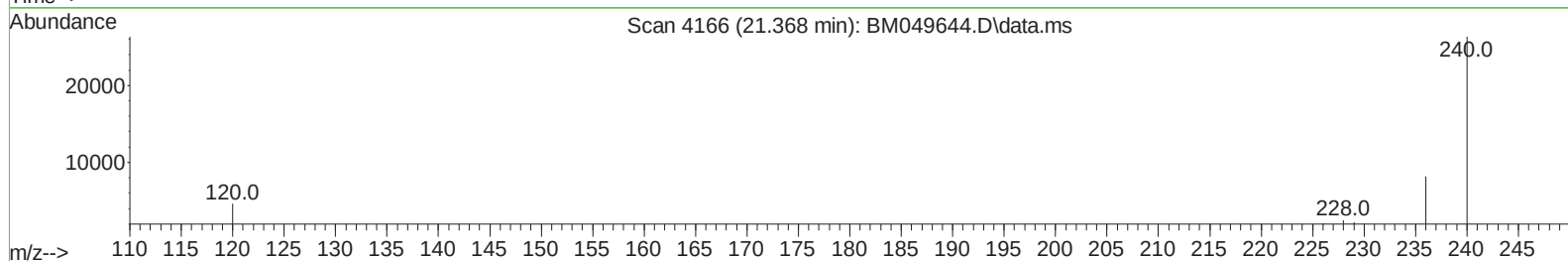
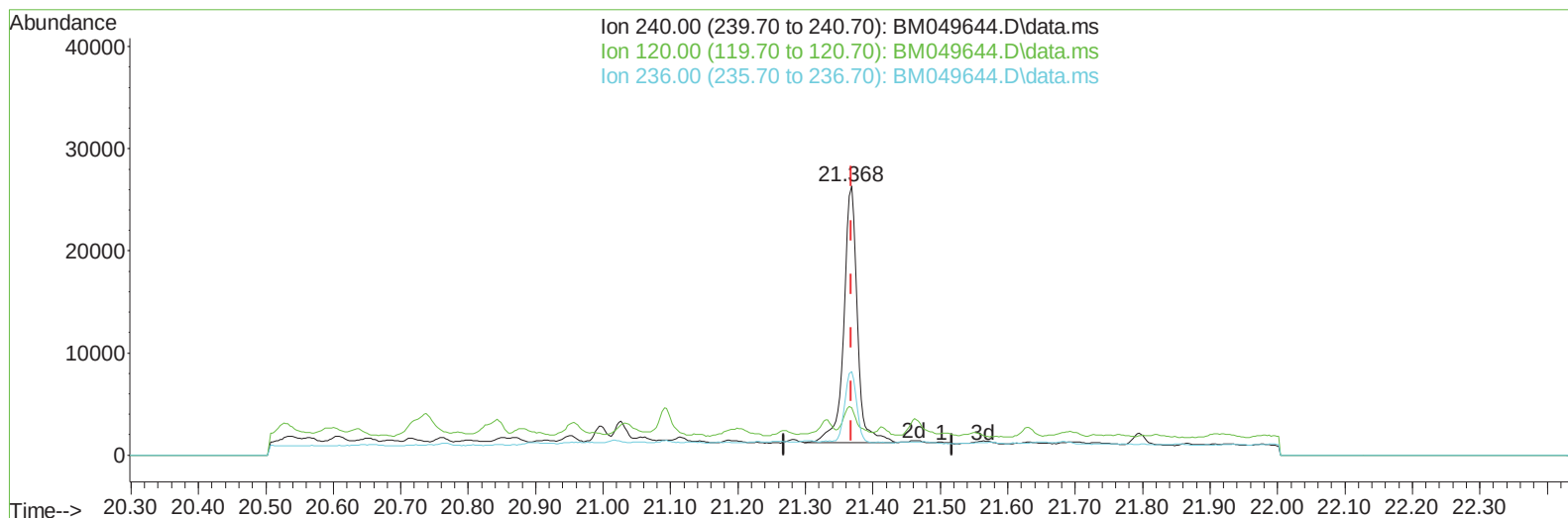
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021225\
Data File : BM049644.D
Acq On : 13 Feb 2025 11:46
Operator : RC/JU
Sample : Q1229-11
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E29B5

Manual IntegrationsAPPROVED

Quant Time: Feb 17 12:30:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 12 16:40:36 2025
Response via : Initial Calibration

Reviewed By :Rahul Chavli 02/19/2025
Supervised By :Jagrut Upadhyay 02/19/2025



TIC: BM049644.D\data.ms

(17) Chrysene-d12

21.368min (-0.000) 0.40 ng/ul m

response 34871

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	12.90	17.51#
236.00	29.30	30.96
0.00	0.00	0.00

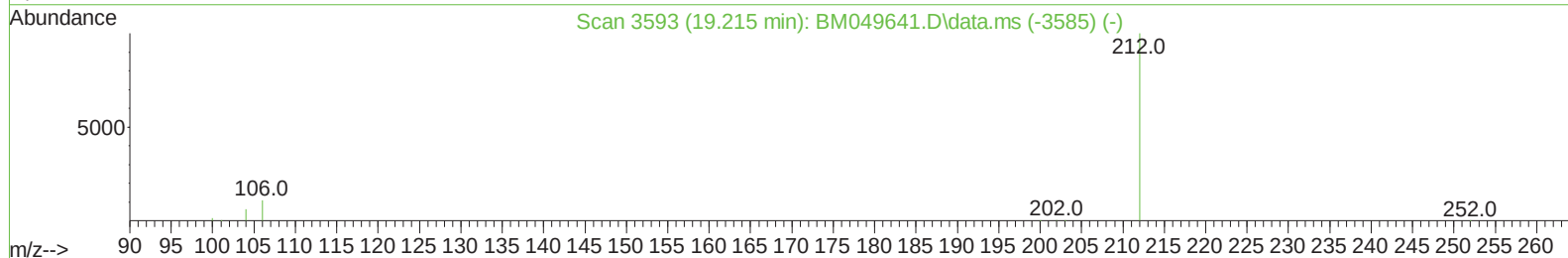
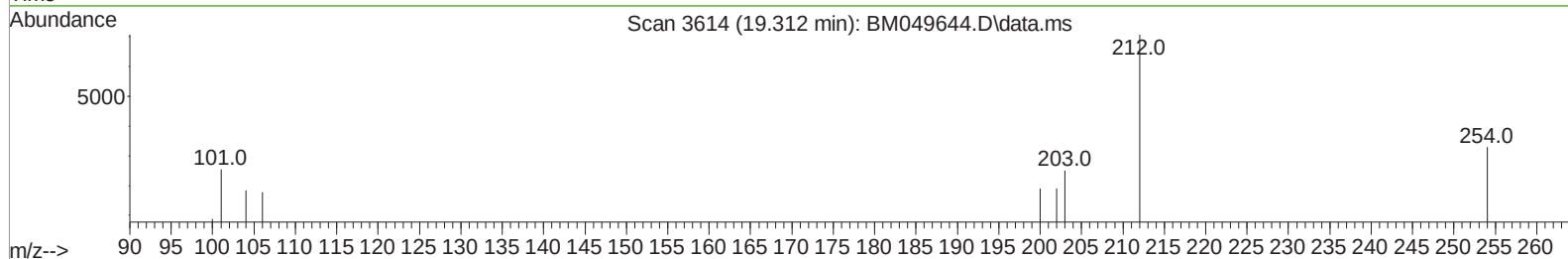
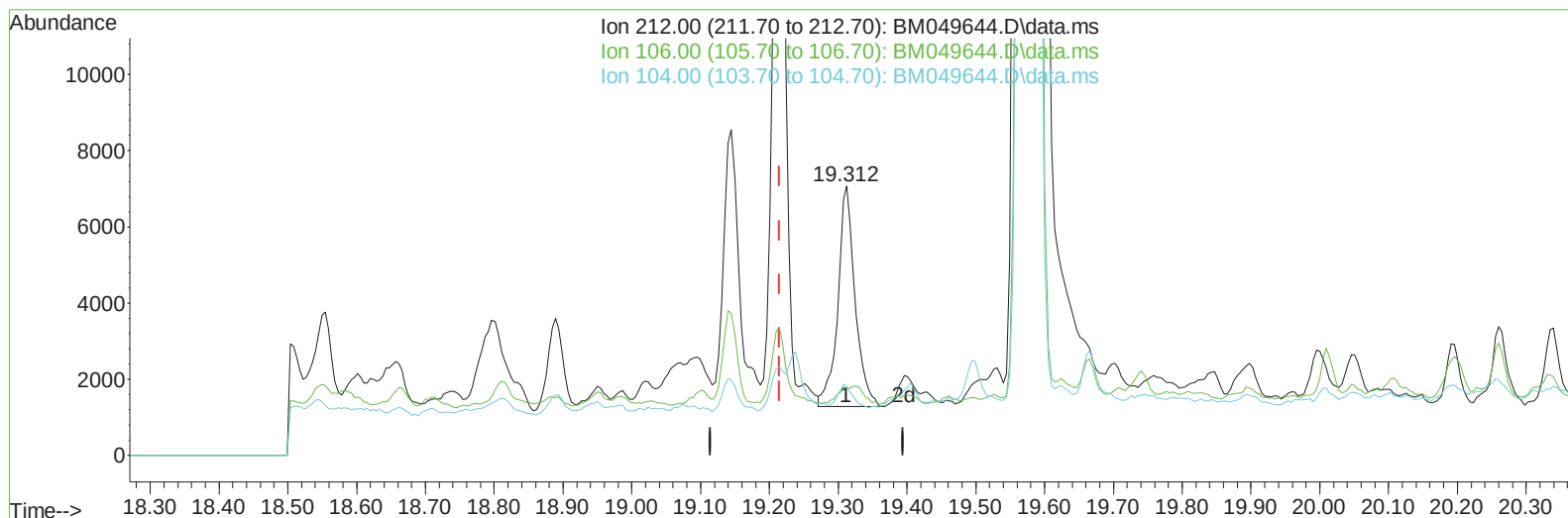
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021225\
Data File : BM049644.D
Acq On : 13 Feb 2025 11:46
Operator : RC/JU
Sample : Q1229-11
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E29B5

Manual IntegrationsAPPROVED

Quant Time: Feb 17 12:30:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 12 16:40:36 2025
Response via : Initial Calibration

Reviewed By :Rahul Chavli 02/19/2025
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TIC: BM049644.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.312min (+ 0.098) 0.10 ng/u1

response 10138

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	11.30	11.21
104.00	9.20	9.41
0.00	0.00	0.00

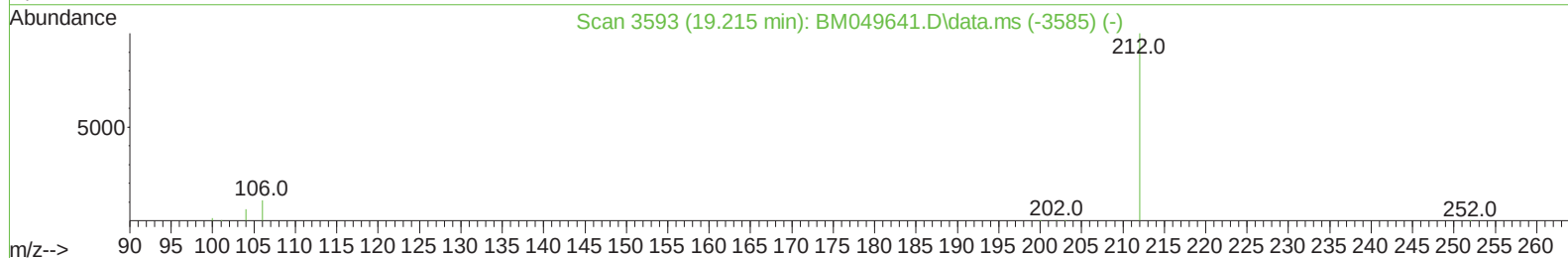
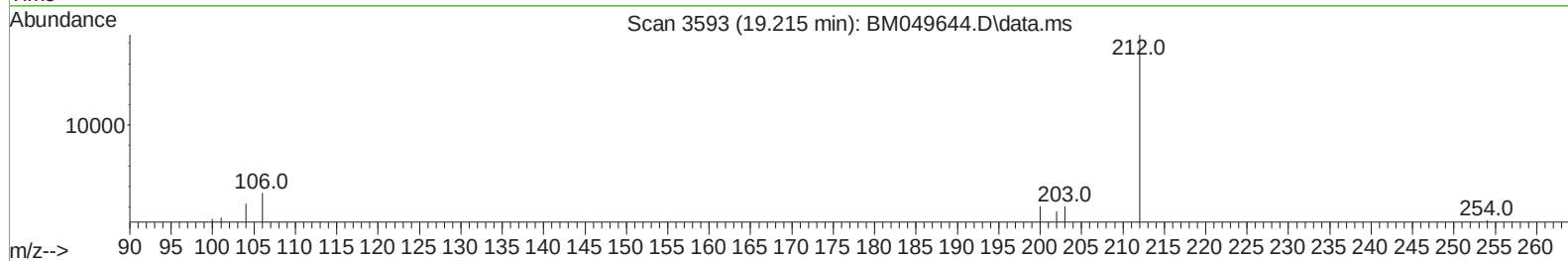
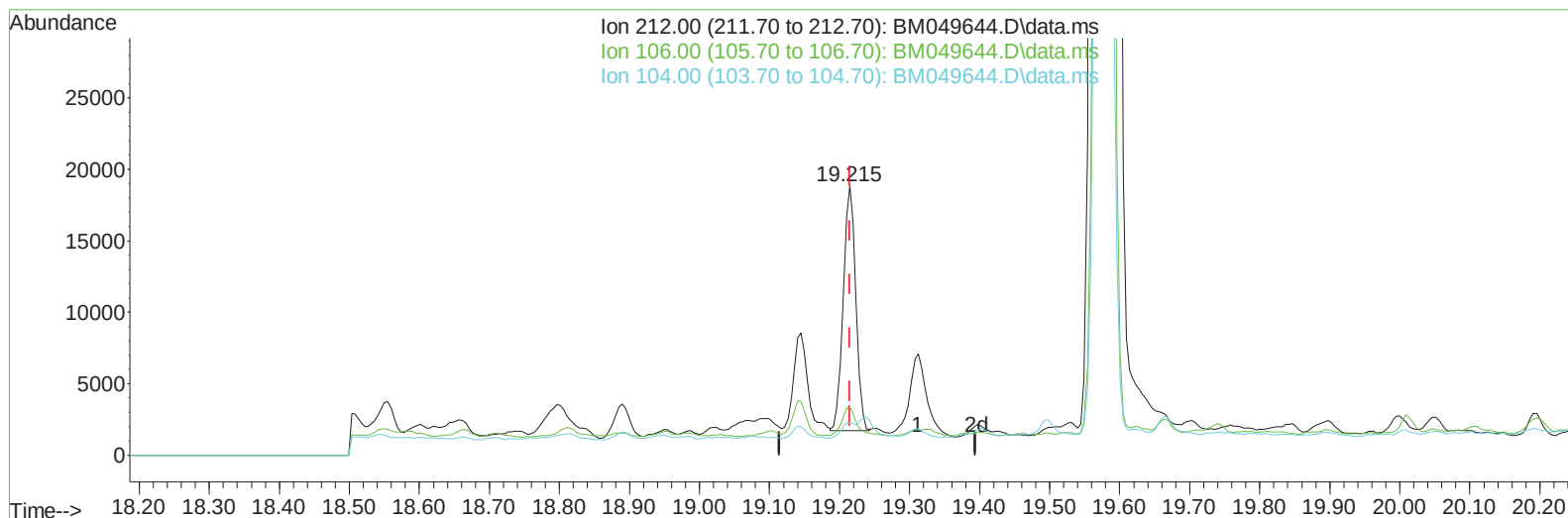
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021225\
Data File : BM049644.D
Acq On : 13 Feb 2025 11:46
Operator : RC/JU
Sample : Q1229-11
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E29B5

Manual IntegrationsAPPROVED

Quant Time: Feb 17 12:30:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 12 16:40:36 2025
Response via : Initial Calibration

Reviewed By :Rahul Chavli 02/19/2025
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TIC: BM049644.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.215min (-0.000) 0.20 ng/ul m

response 21380

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	11.30	5.31#
104.00	9.20	4.46#
0.00	0.00	0.00

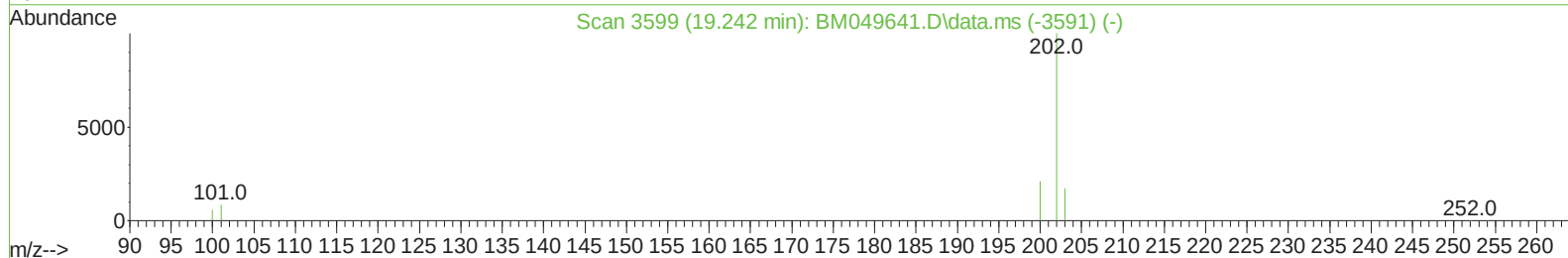
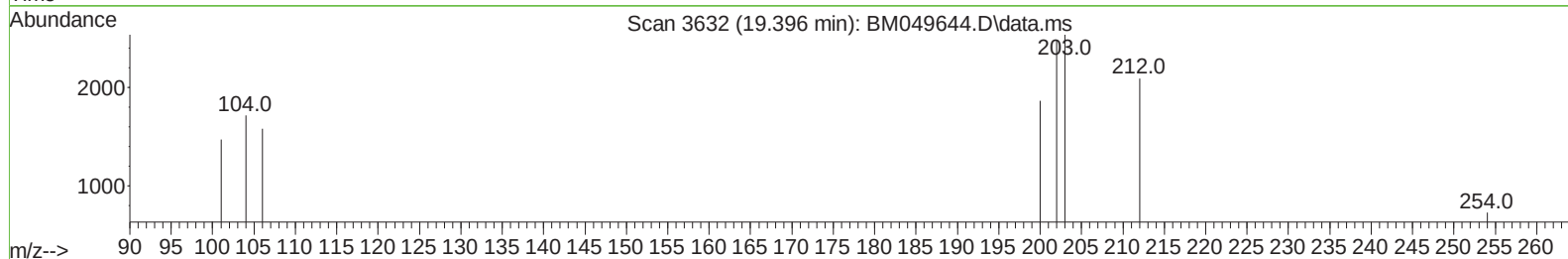
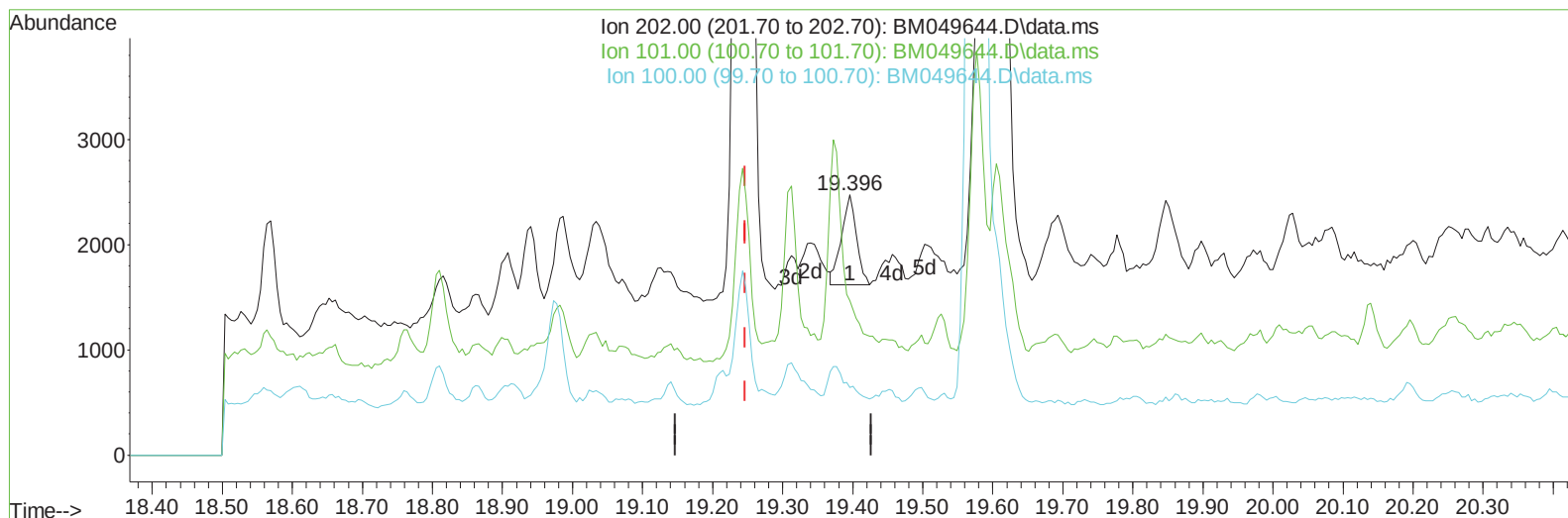
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021225\
Data File : BM049644.D
Acq On : 13 Feb 2025 11:46
Operator : RC/JU
Sample : Q1229-11
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E29B5

Manual IntegrationsAPPROVED

Quant Time: Feb 17 12:30:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 12 16:40:36 2025
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TIC: BM049644.D\data.ms

(19) Fluoranthene (C)

19.396min (+ 0.149) 0.01 ng/u1

response 1278

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	8.40	59.29#
100.00	6.20	25.85#
0.00	0.00	0.00

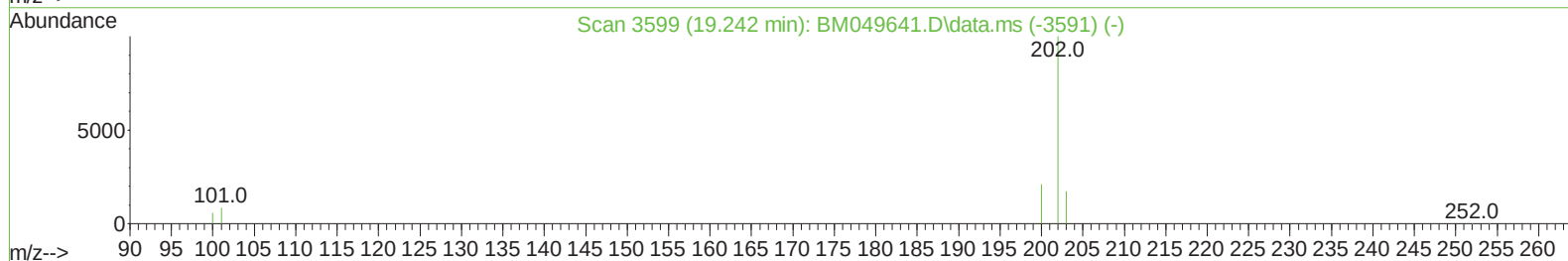
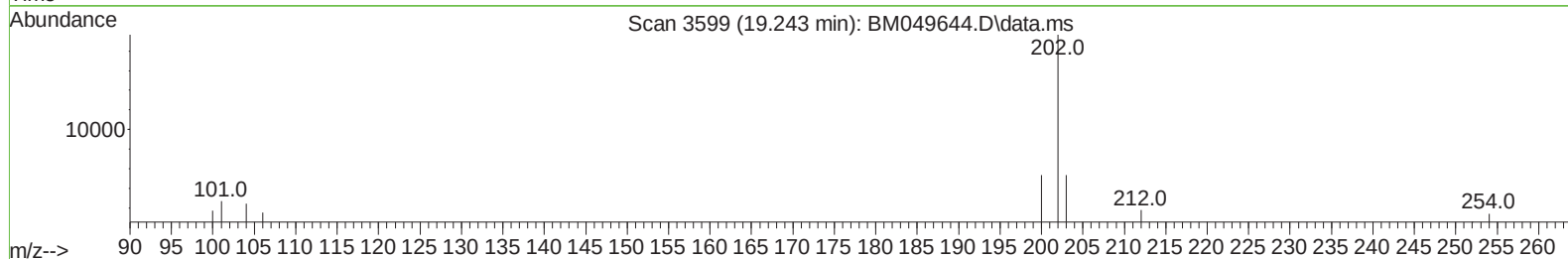
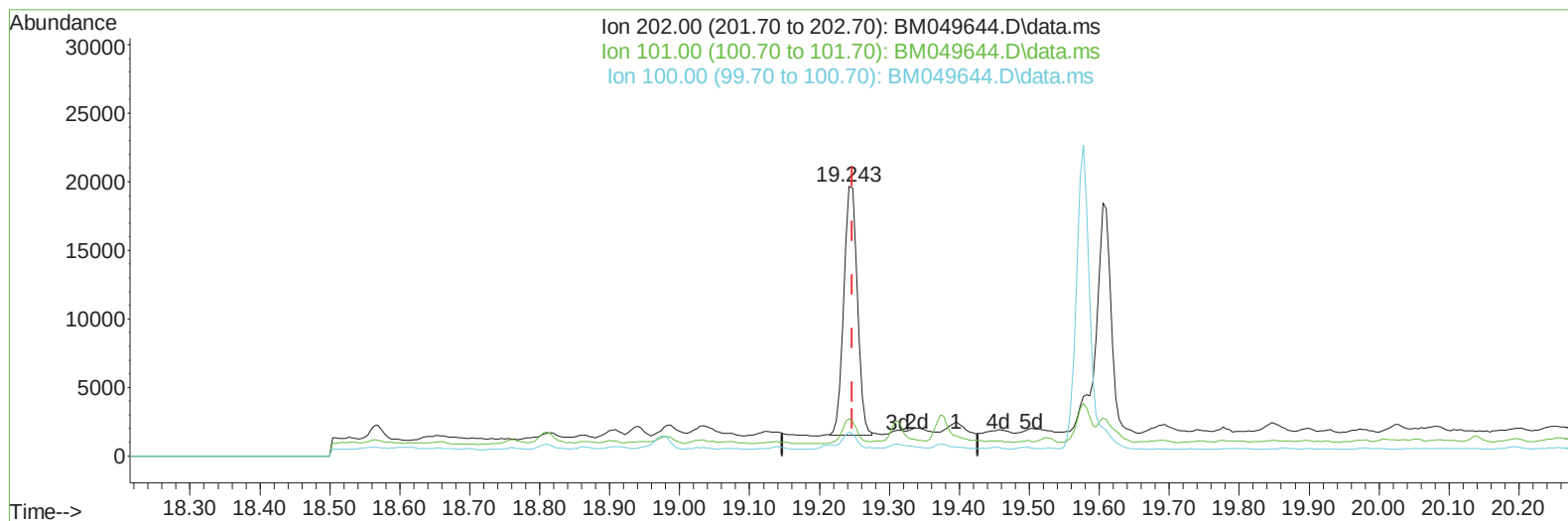
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021225\
Data File : BM049644.D
Acq On : 13 Feb 2025 11:46
Operator : RC/JU
Sample : Q1229-11
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E29B5

Manual IntegrationsAPPROVED

Quant Time: Feb 17 12:30:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 12 16:40:36 2025
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TIC: BM049644.D\data.ms

(19) Fluoranthene (C)

19.243min (-0.005) 0.17 ng/ul m

response 24190

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	8.40	13.87#
100.00	6.20	8.92#
0.00	0.00	0.00

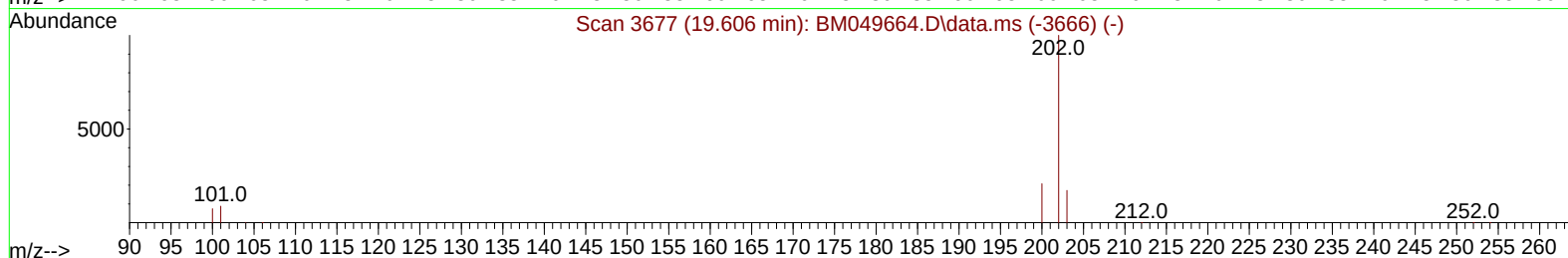
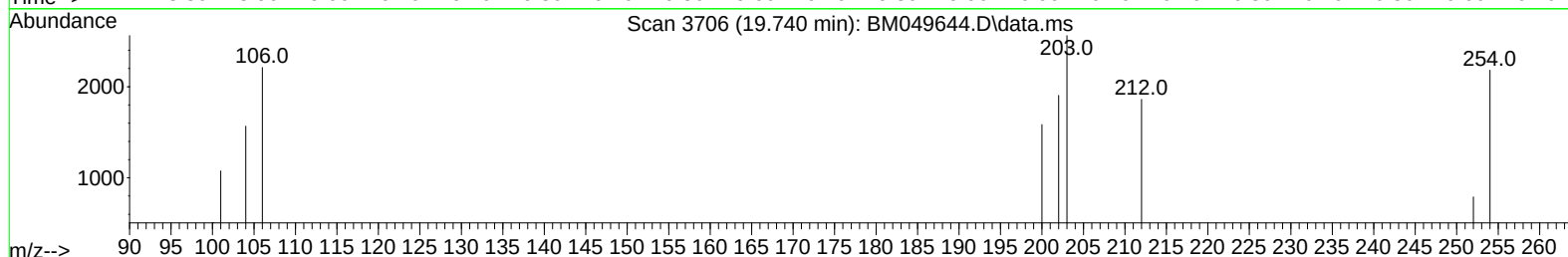
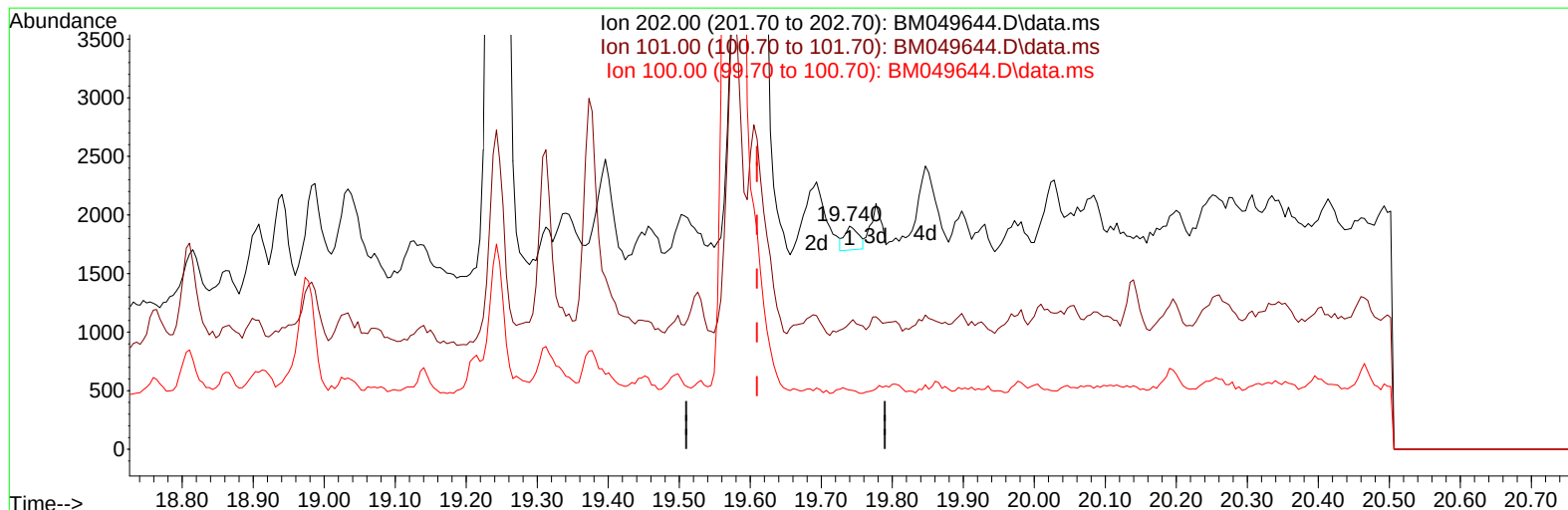
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021225\
Data File : BM049644.D
Acq On : 13 Feb 2025 11:46
Operator : RC/JU
Sample : Q1229-11
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E29B5

Manual IntegrationsAPPROVED

Quant Time: Feb 20 10:05:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 12 16:40:36 2025
Response via : Initial Calibration

Reviewed By :Rahul Chavli 02/19/2025
Supervised By :Jagrut Upadhyay 02/19/2025



TIC: BM049644.D\data.ms

(20) Pyrene

19.740min (+ 0.130) 0.26 ng/u1

response 281

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	9.40	56.48#
100.00	7.90	26.51#
0.00	0.00	0.00

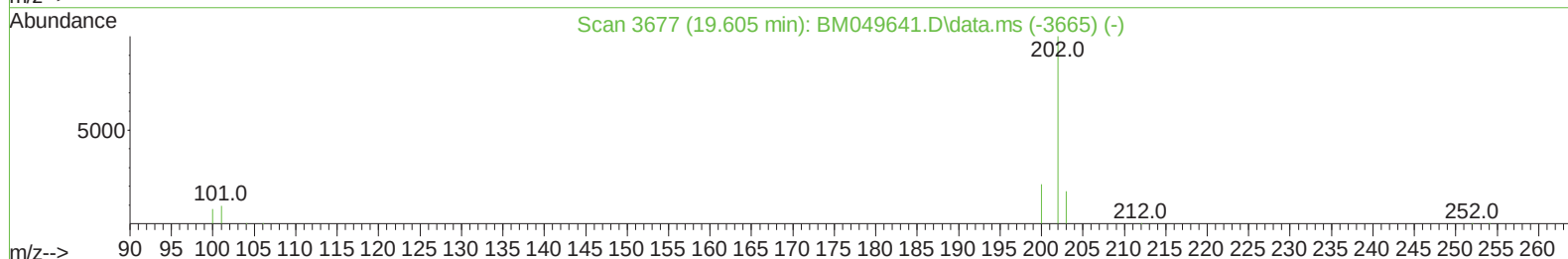
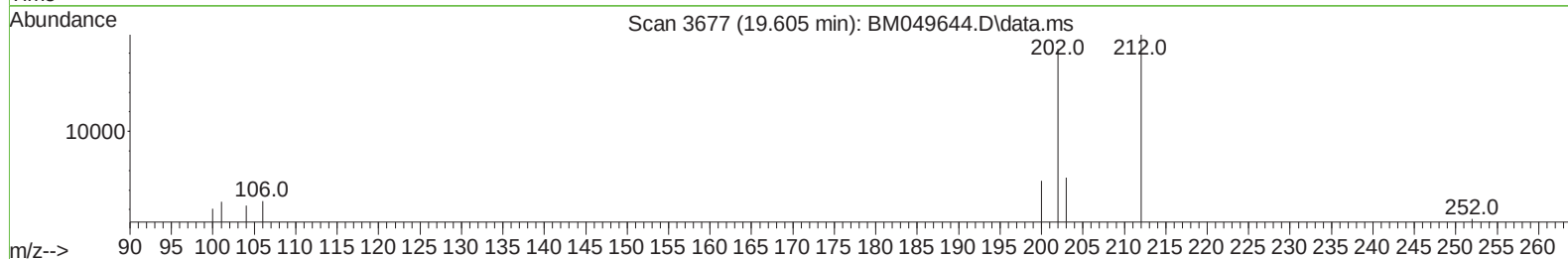
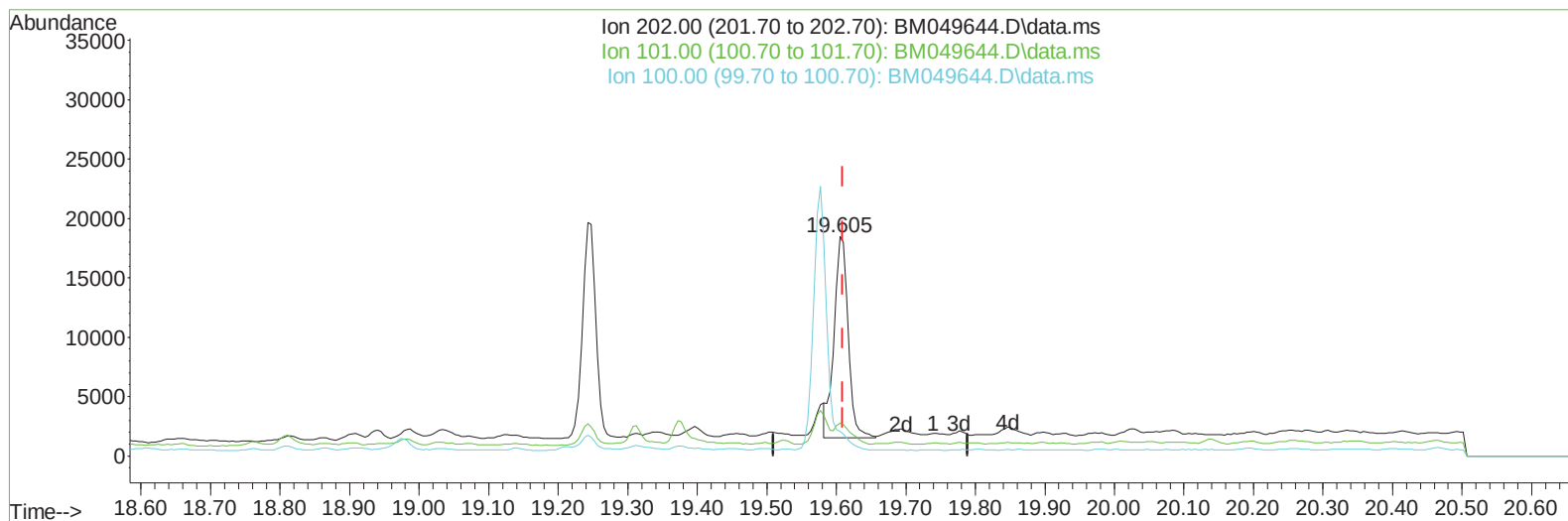
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021225\
Data File : BM049644.D
Acq On : 13 Feb 2025 11:46
Operator : RC/JU
Sample : Q1229-11
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E29B5

Manual IntegrationsAPPROVED

Quant Time: Feb 17 12:30:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 12 16:40:36 2025
Response via : Initial Calibration

Reviewed By :Rahul Chavli 02/19/2025
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TIC: BM049644.D\data.ms

(20) Pyrene

19.605min (-0.005) 0.16 ng/ul m

response 23445

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	9.40	14.99#
100.00	7.90	11.20#
0.00	0.00	0.00

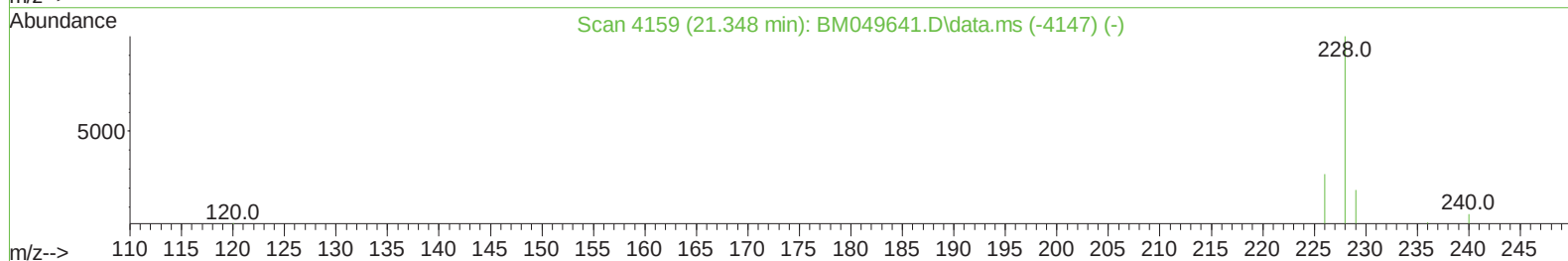
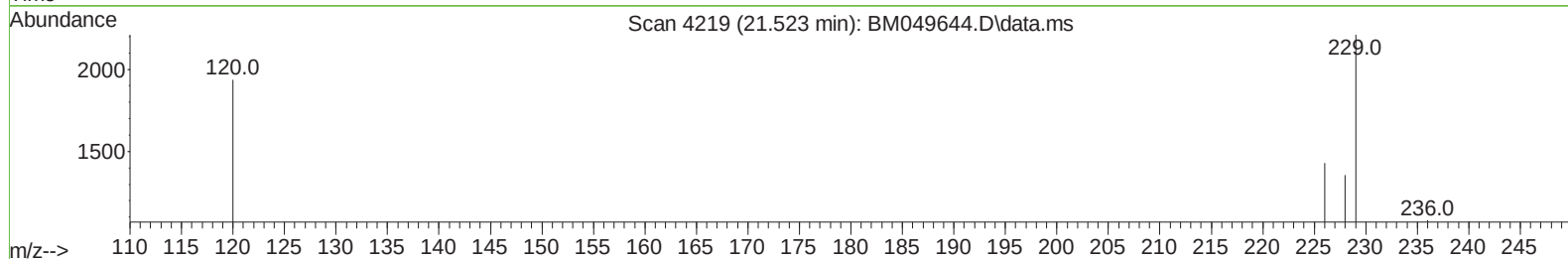
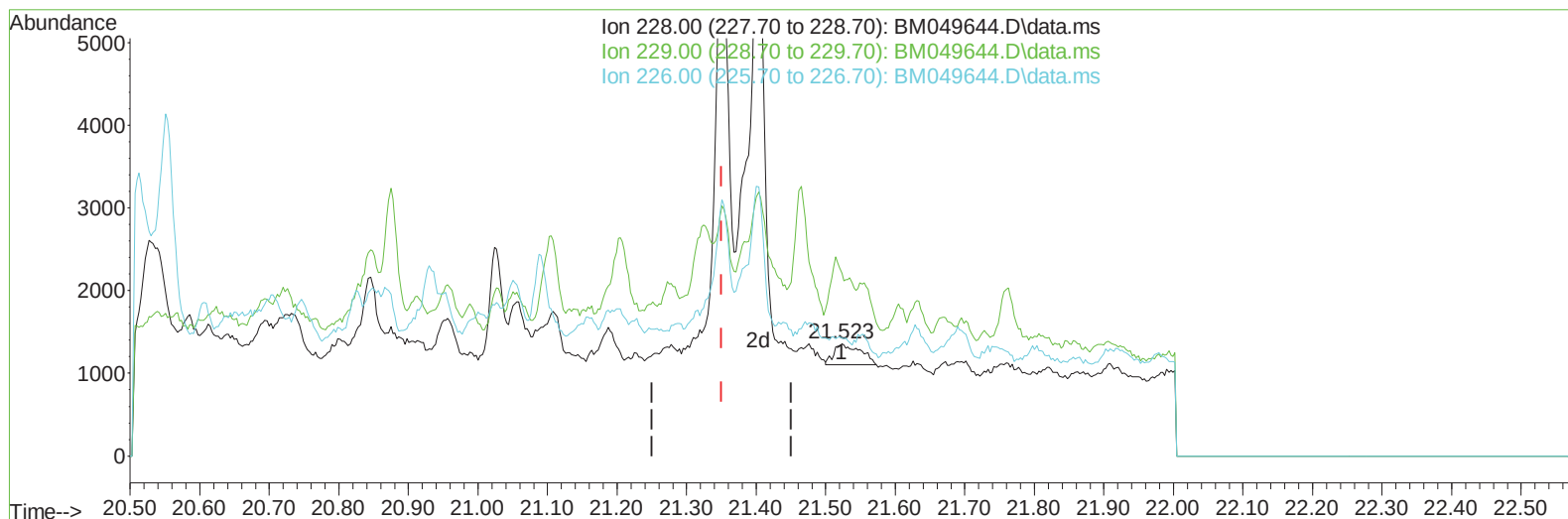
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021225\
Data File : BM049644.D
Acq On : 13 Feb 2025 11:46
Operator : RC/JU
Sample : Q1229-11
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E29B5

Manual IntegrationsAPPROVED

Quant Time: Feb 17 12:30:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 12 16:40:36 2025
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TIC: BM049644.D\data.ms

(21) Benzo(a)anthracene

21.523min (+ 0.172) 0.01 ng/ul

response 663

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	162.81#
226.00	27.80	105.30#
0.00	0.00	0.00

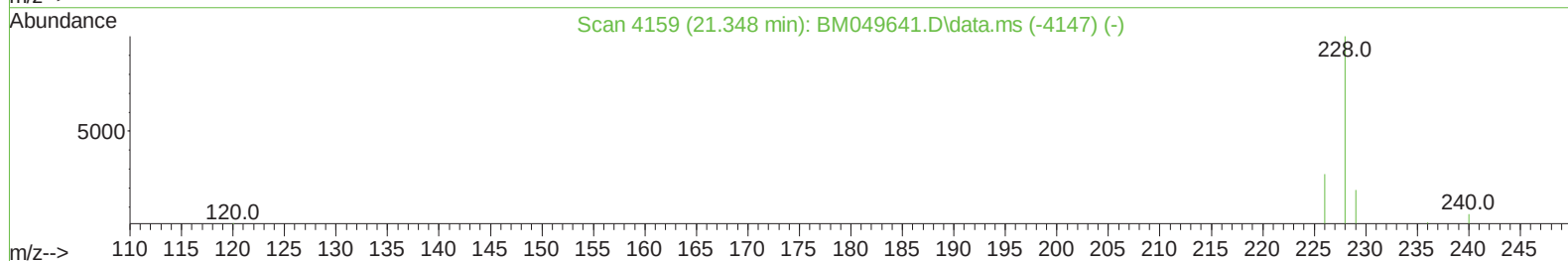
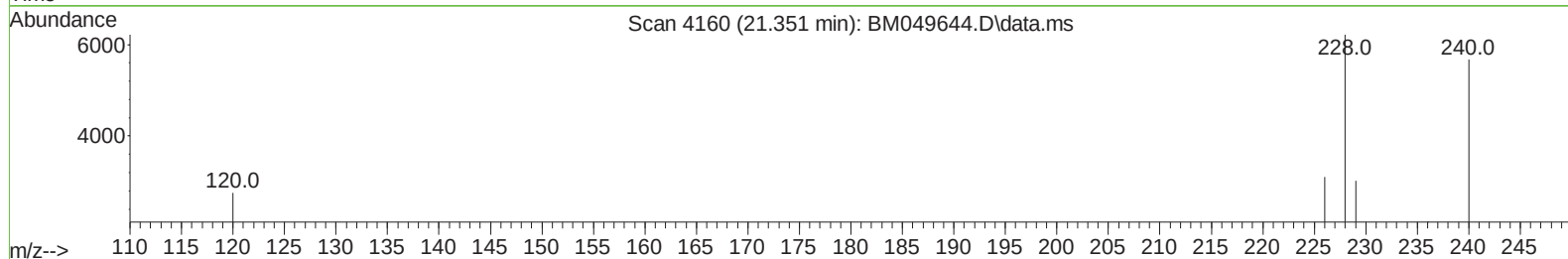
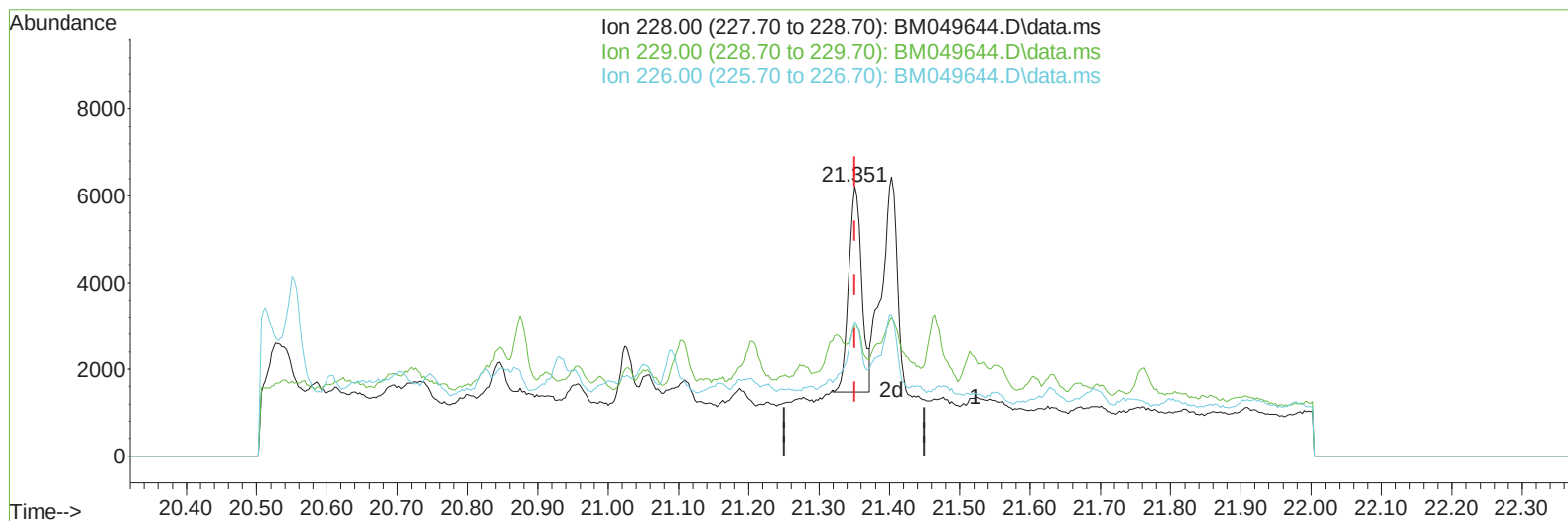
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021225\
Data File : BM049644.D
Acq On : 13 Feb 2025 11:46
Operator : RC/JU
Sample : Q1229-11
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E29B5

Manual IntegrationsAPPROVED

Quant Time: Feb 17 12:30:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 12 16:40:36 2025
Response via : Initial Calibration

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TIC: BM049644.D\data.ms

(21) Benzo(a)anthracene

21.351min (-0.000) 0.05 ng/ul m

response 6154

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	48.64#
226.00	27.80	49.90#
0.00	0.00	0.00

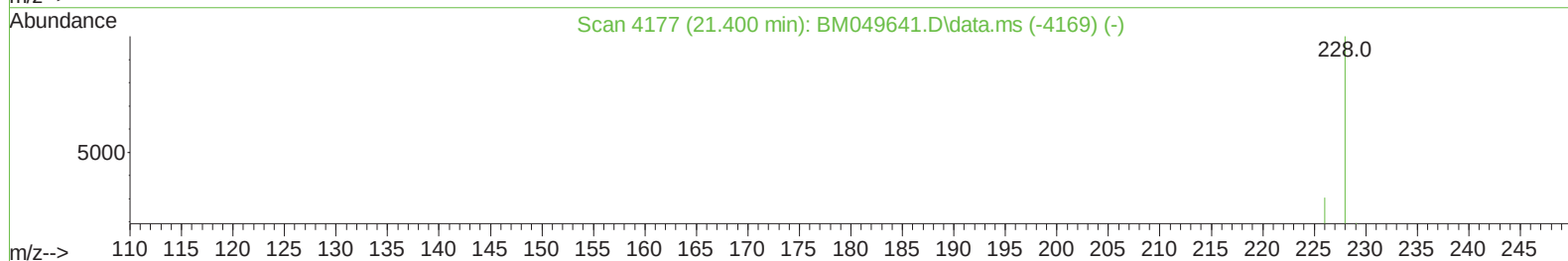
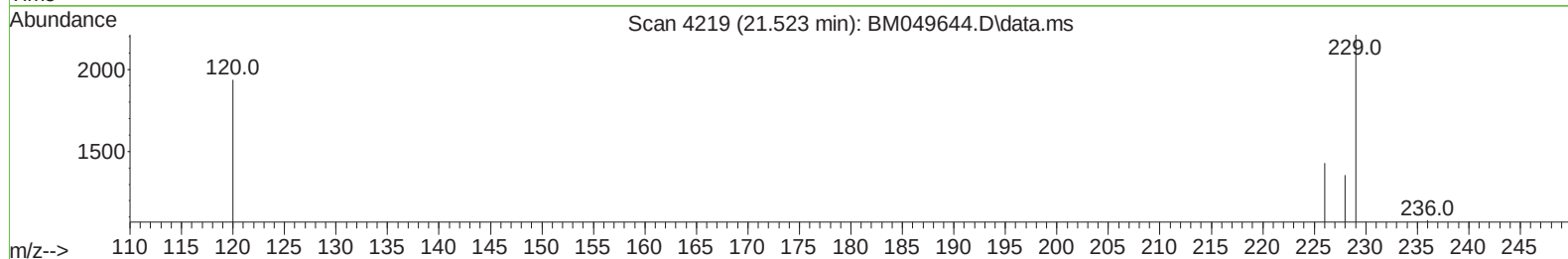
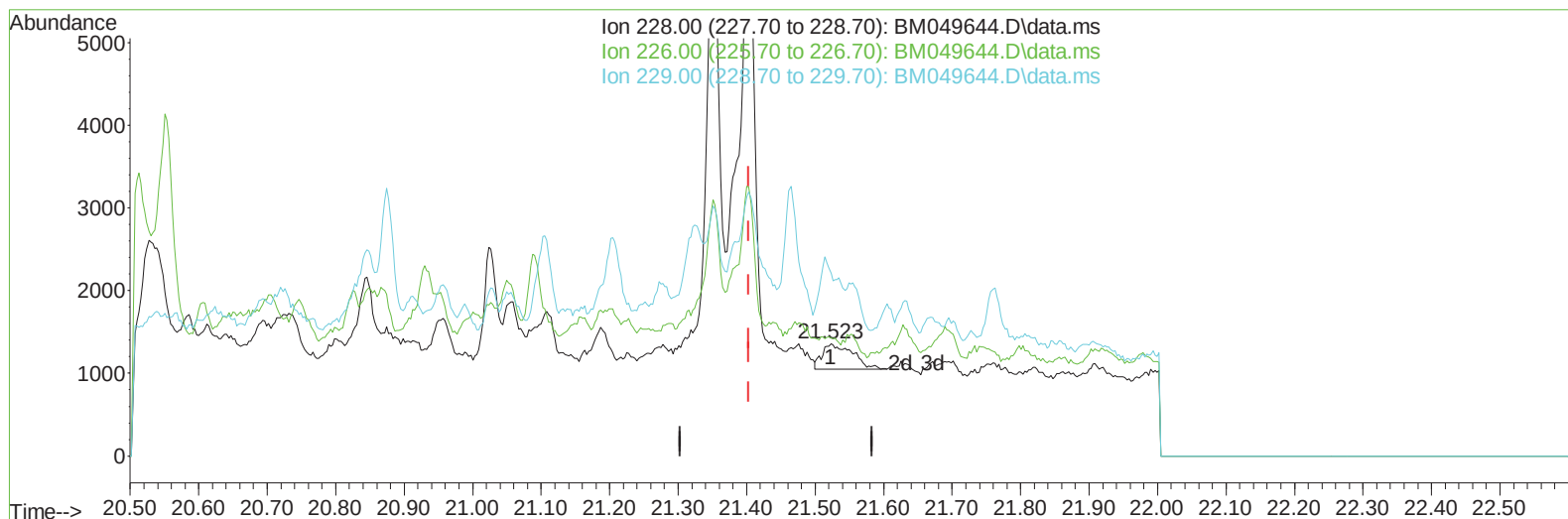
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021225\
Data File : BM049644.D
Acq On : 13 Feb 2025 11:46
Operator : RC/JU
Sample : Q1229-11
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E29B5

Manual IntegrationsAPPROVED

Quant Time: Feb 17 12:30:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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TIC: BM049644.D\data.ms

(22) Chrysene

21.523min (+ 0.120) 0.01 ng/u1

response 933

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	31.10	105.30#
229.00	19.50	162.81#
0.00	0.00	0.00

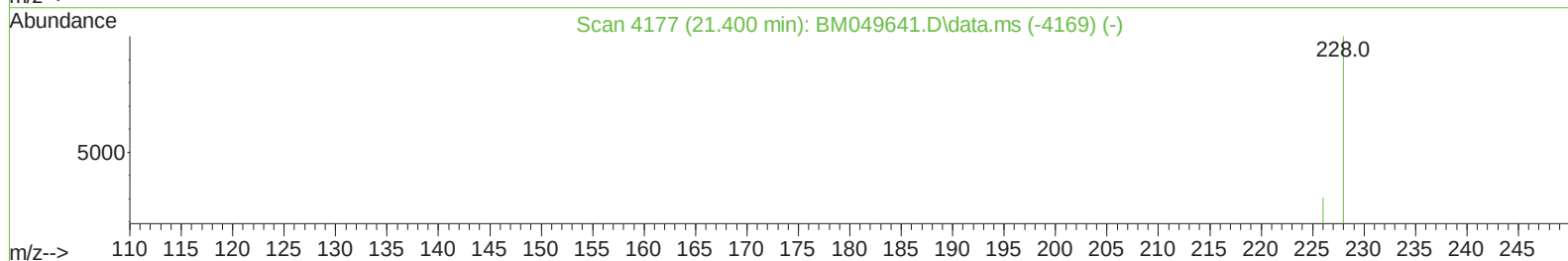
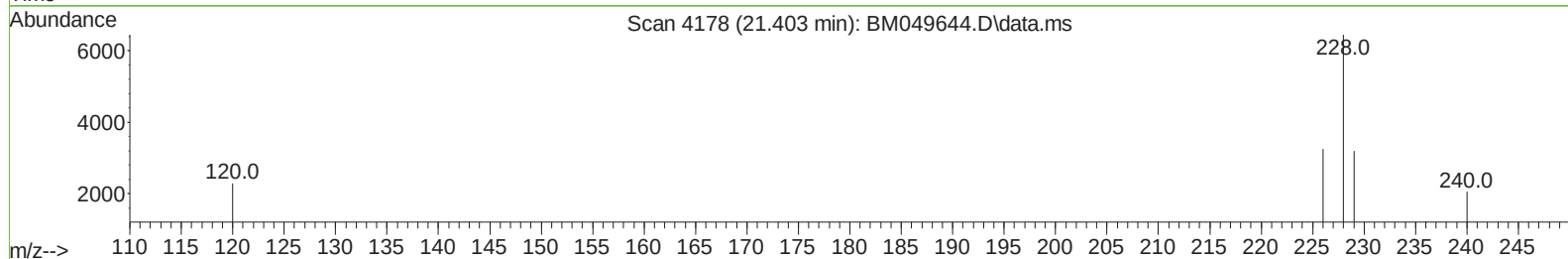
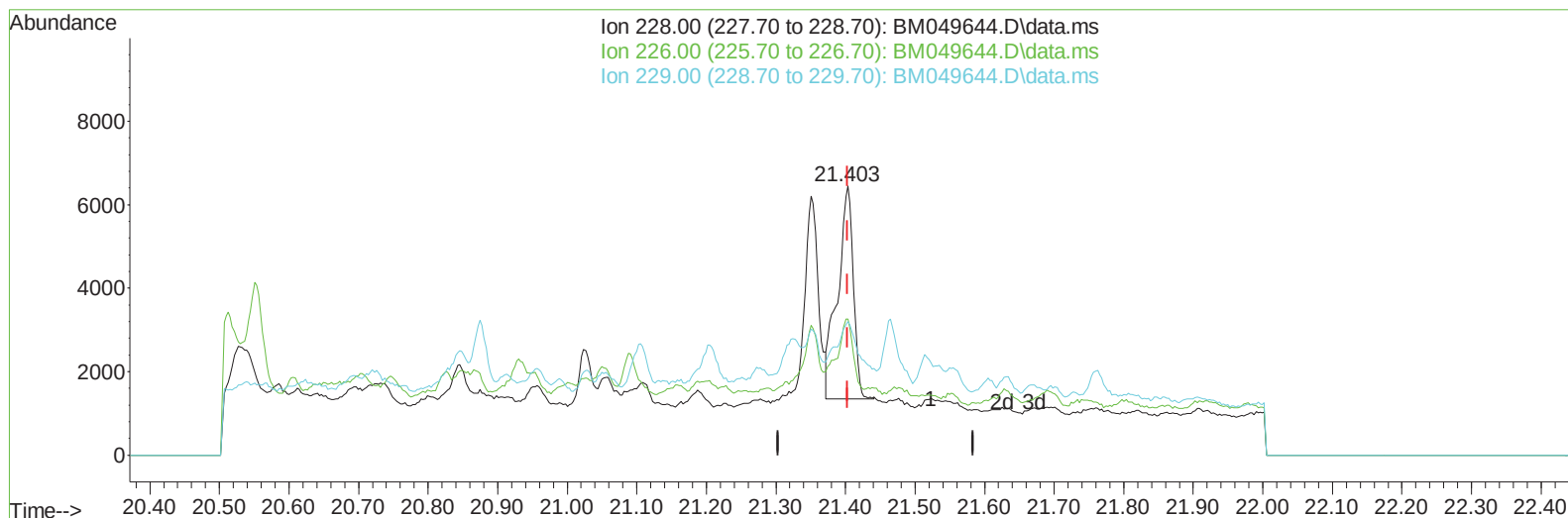
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021225\
Data File : BM049644.D
Acq On : 13 Feb 2025 11:46
Operator : RC/JU
Sample : Q1229-11
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E29B5

Manual IntegrationsAPPROVED

Quant Time: Feb 17 12:30:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021225.M
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QLast Update : Wed Feb 12 16:40:36 2025
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TIC: BM049644.D\data.ms

(22) Chrysene

21.403min (-0.000) 0.06 ng/ul m

response 8094

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	31.10	50.52#
229.00	19.50	49.59#
0.00	0.00	0.00

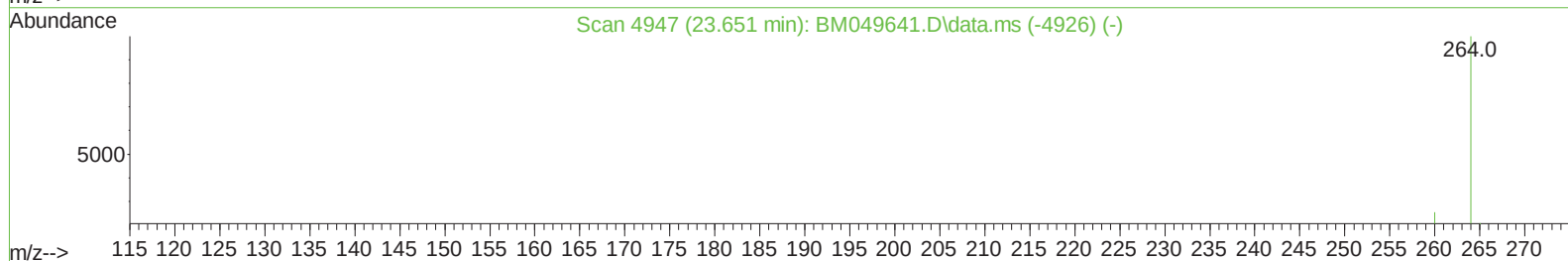
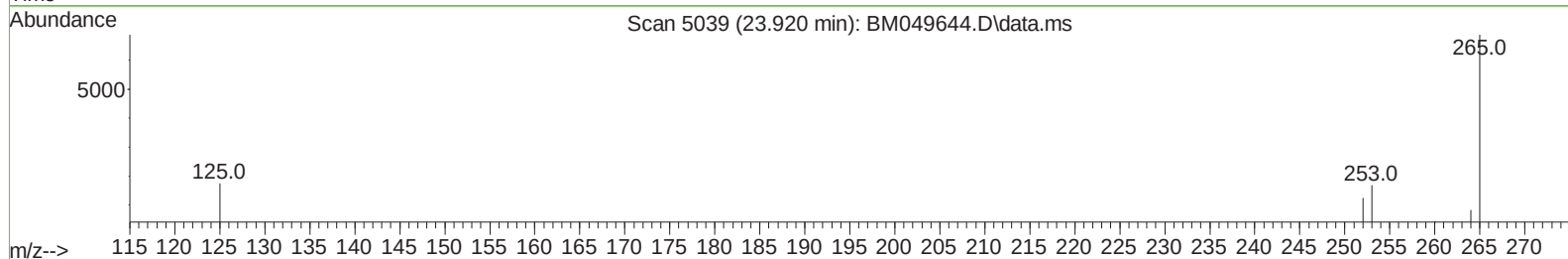
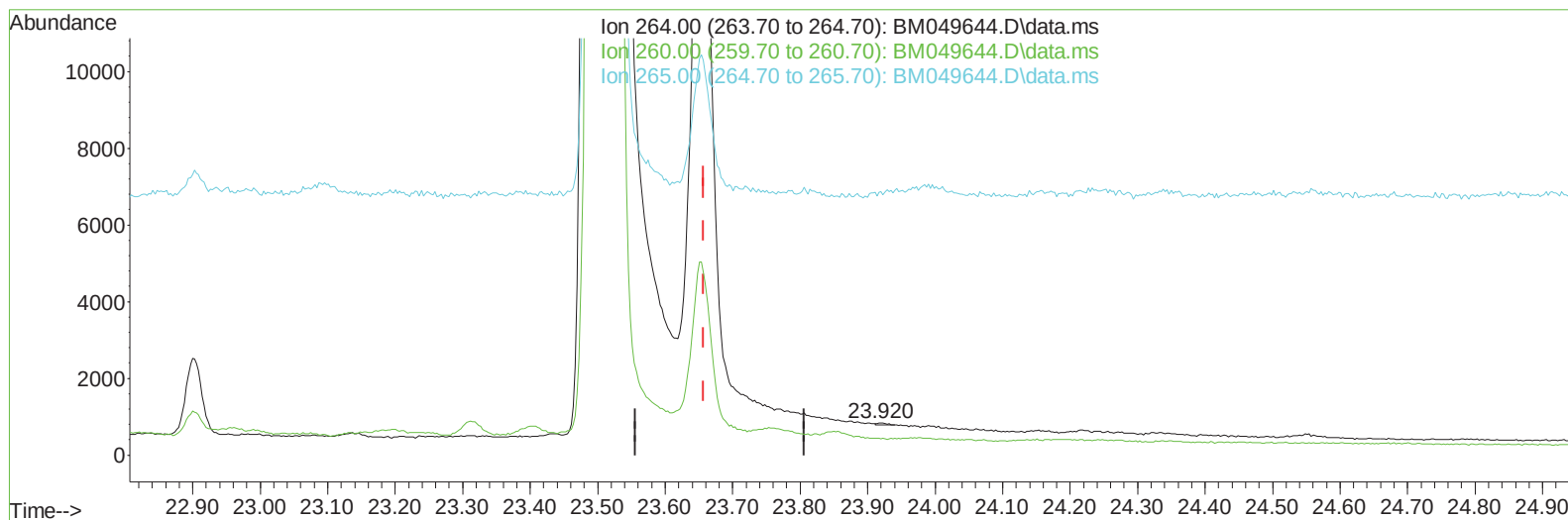
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021225\
Data File : BM049644.D
Acq On : 13 Feb 2025 11:46
Operator : RC/JU
Sample : Q1229-11
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E29B5

Manual IntegrationsAPPROVED

Quant Time: Feb 17 12:30:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 12 16:40:36 2025
Response via : Initial Calibration

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TIC: BM049644.D\data.ms

(23) Perylene-d12 (I)

23.920min (+ 0.263) 0.40 ng/u1

response 54

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.10	49.64#
265.00	67.10	817.98#
0.00	0.00	0.00

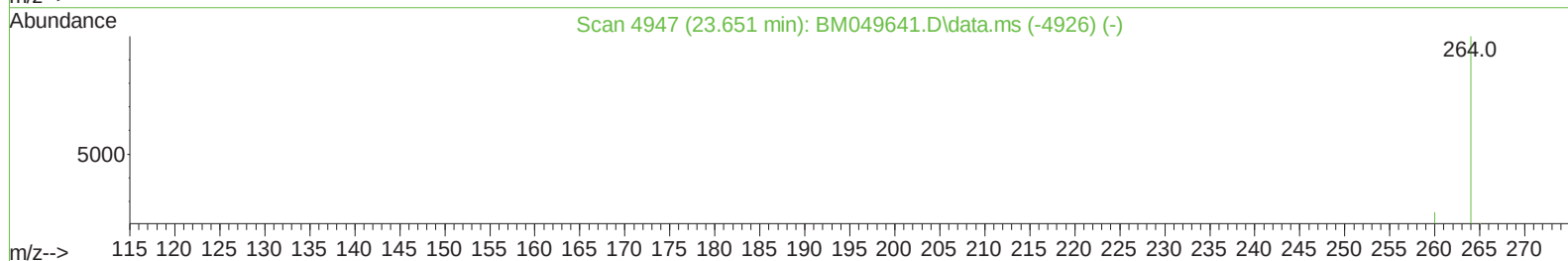
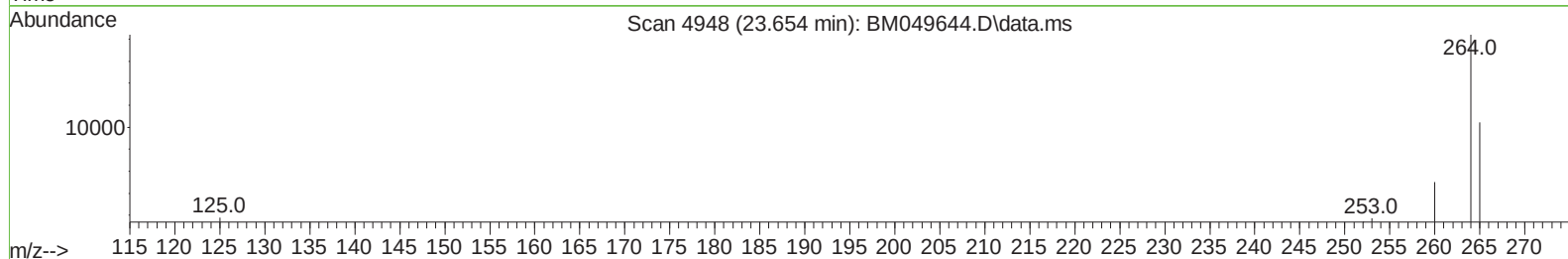
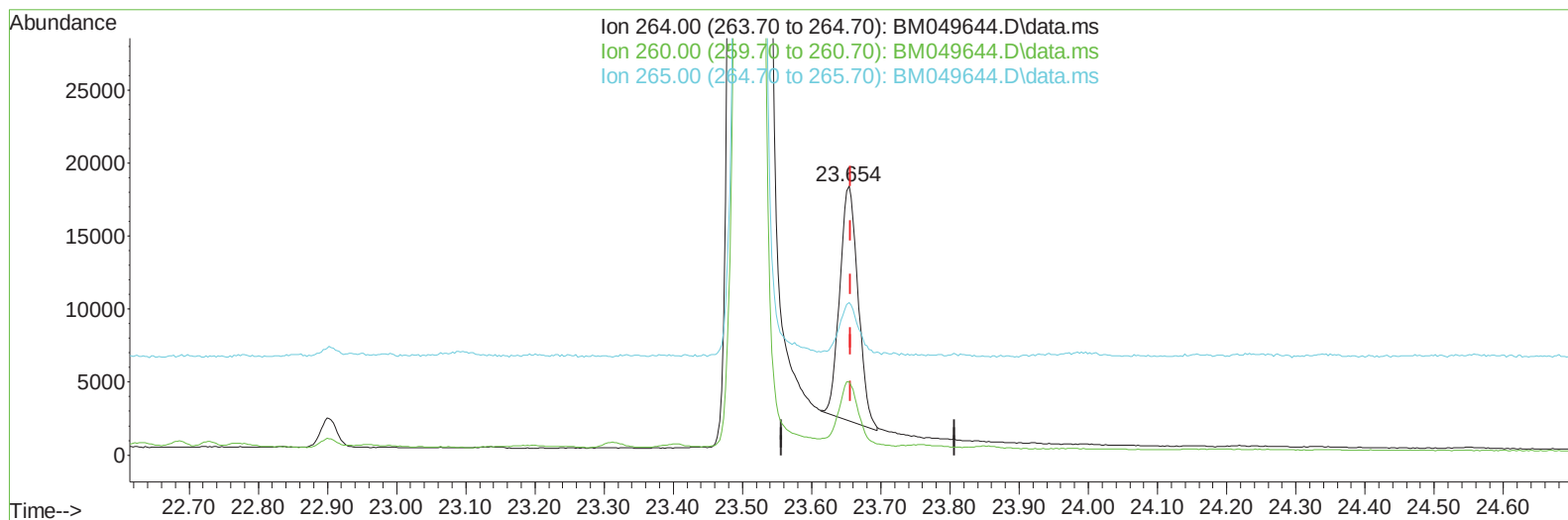
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021225\
Data File : BM049644.D
Acq On : 13 Feb 2025 11:46
Operator : RC/JU
Sample : Q1229-11
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E29B5

Manual IntegrationsAPPROVED

Quant Time: Feb 17 12:30:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 12 16:40:36 2025
Response via : Initial Calibration

Reviewed By :Rahul Chavli 02/19/2025
Supervised By :Jagrut Upadhyay 02/19/2025



TIC: BM049644.D\data.ms

(23) Perylene-d12 (I)

23.654min (-0.003) 0.40 ng/ul m

response 29543

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.10	27.30
265.00	67.10	56.72
0.00	0.00	0.00

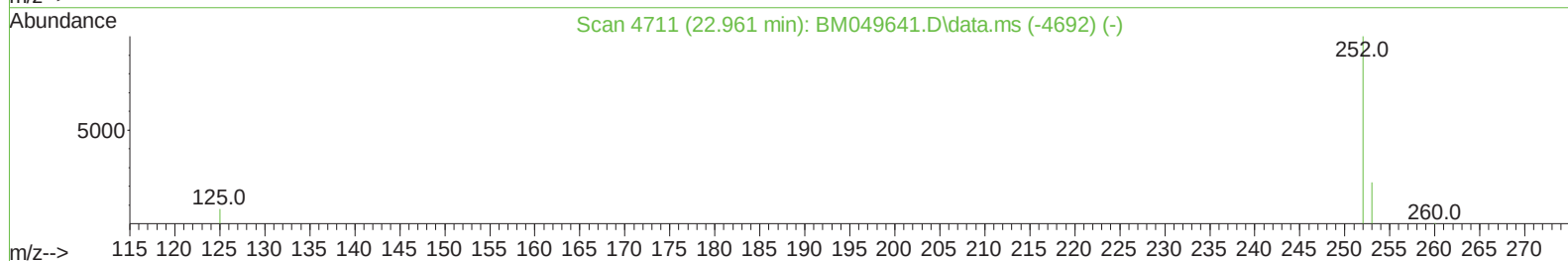
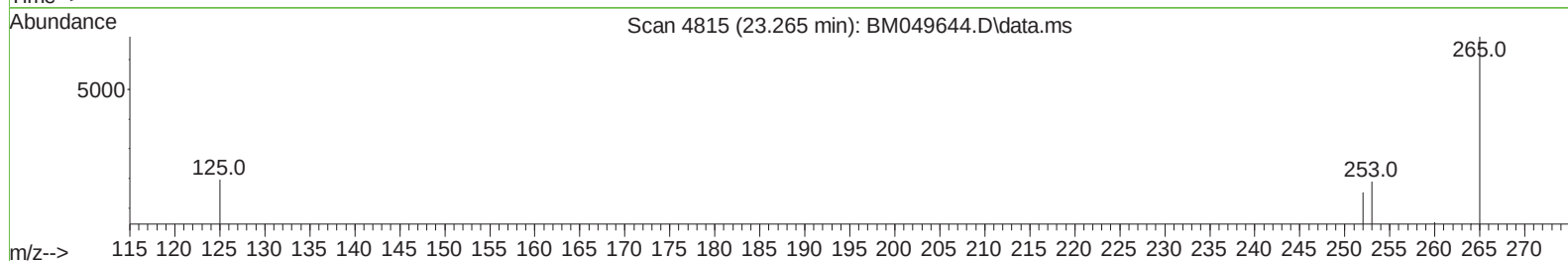
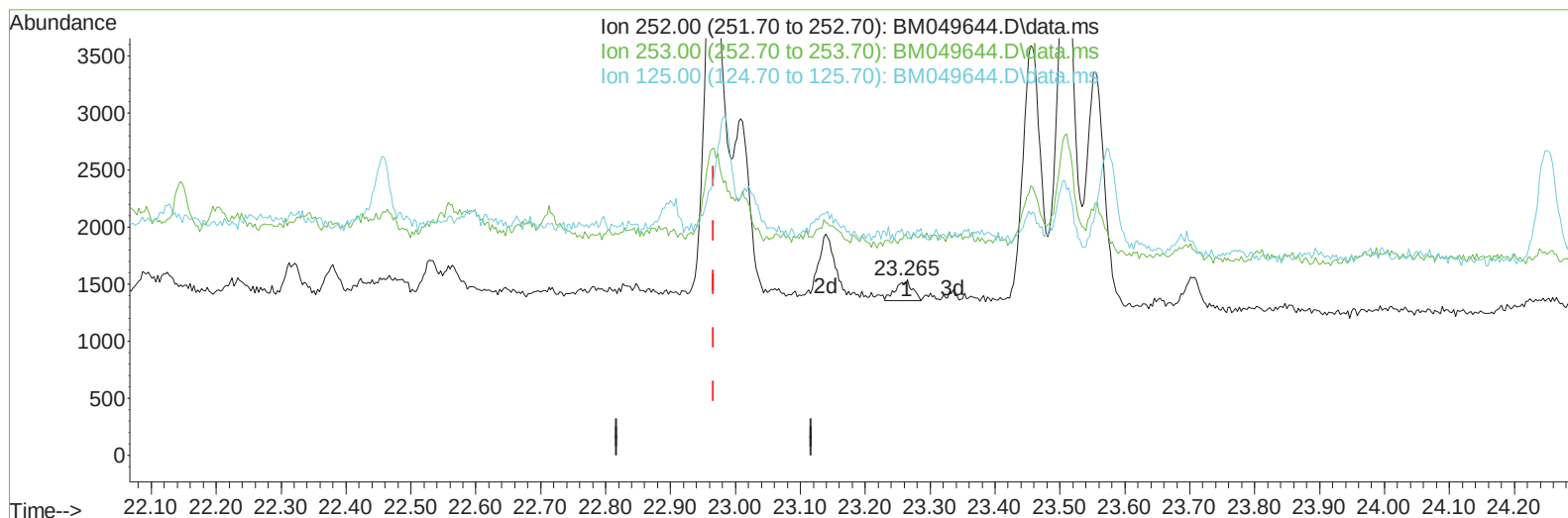
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021225\
Data File : BM049644.D
Acq On : 13 Feb 2025 11:46
Operator : RC/JU
Sample : Q1229-11
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E29B5

Manual IntegrationsAPPROVED

Quant Time: Feb 17 12:30:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 12 16:40:36 2025
Response via : Initial Calibration

Reviewed By :Rahul Chavli 02/19/2025
Supervised By :Jagrut Upadhyay 02/19/2025



TIC: BM049644.D\data.ms

(24) Benzo(b)fluoranthene

23.265min (+ 0.298) 0.00 ng/u1

response 318

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.10	123.88#
125.00	12.80	127.98#
0.00	0.00	0.00

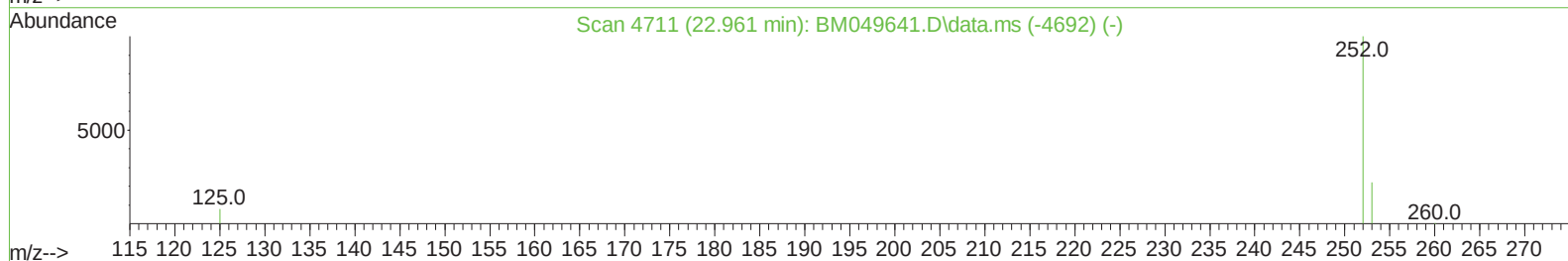
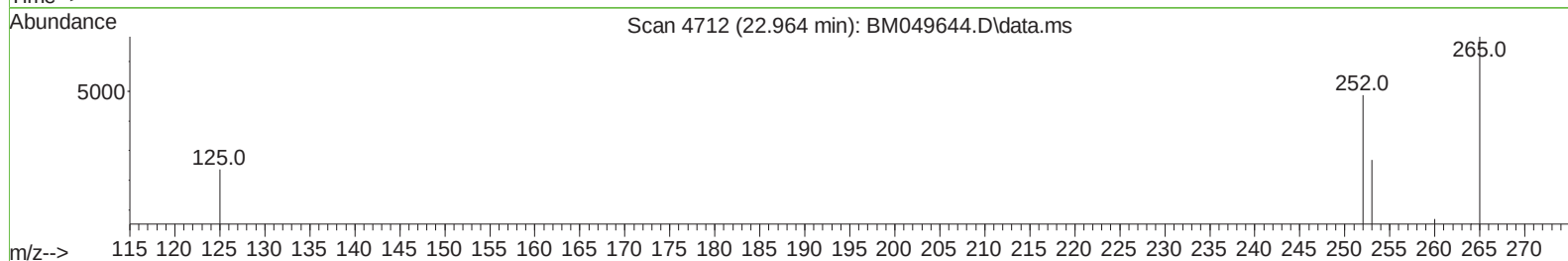
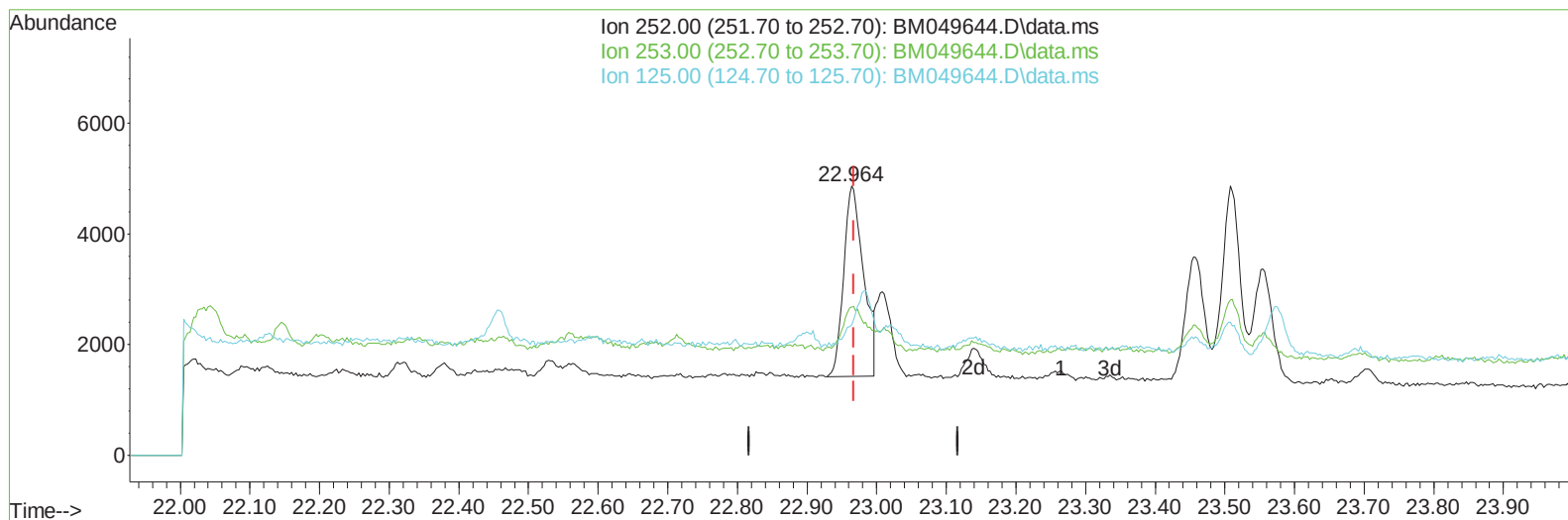
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021225\
Data File : BM049644.D
Acq On : 13 Feb 2025 11:46
Operator : RC/JU
Sample : Q1229-11
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E29B5

Manual IntegrationsAPPROVED

Quant Time: Feb 17 12:30:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 12 16:40:36 2025
Response via : Initial Calibration

Reviewed By :Rahul Chavli 02/19/2025
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TIC: BM049644.D\data.ms

(24) Benzo(b)fluoranthene

22.964min (-0.003) 0.07 ng/ul m

response 6862

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.10	55.16#
125.00	12.80	48.54#
0.00	0.00	0.00

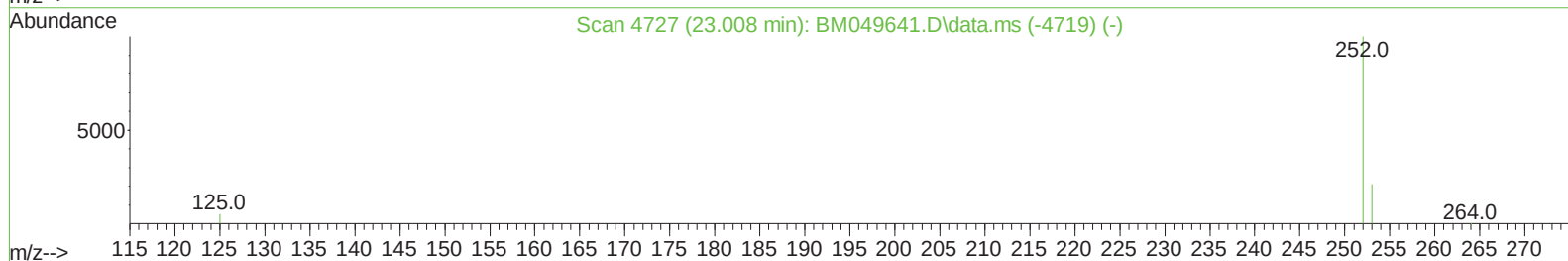
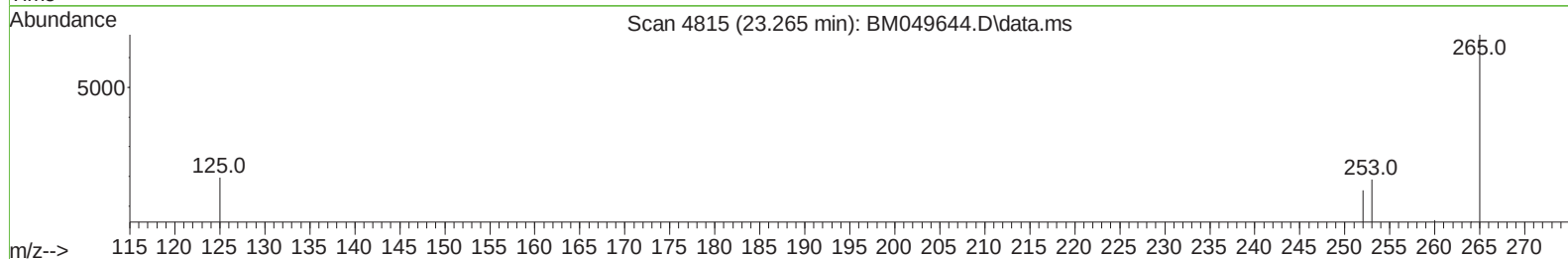
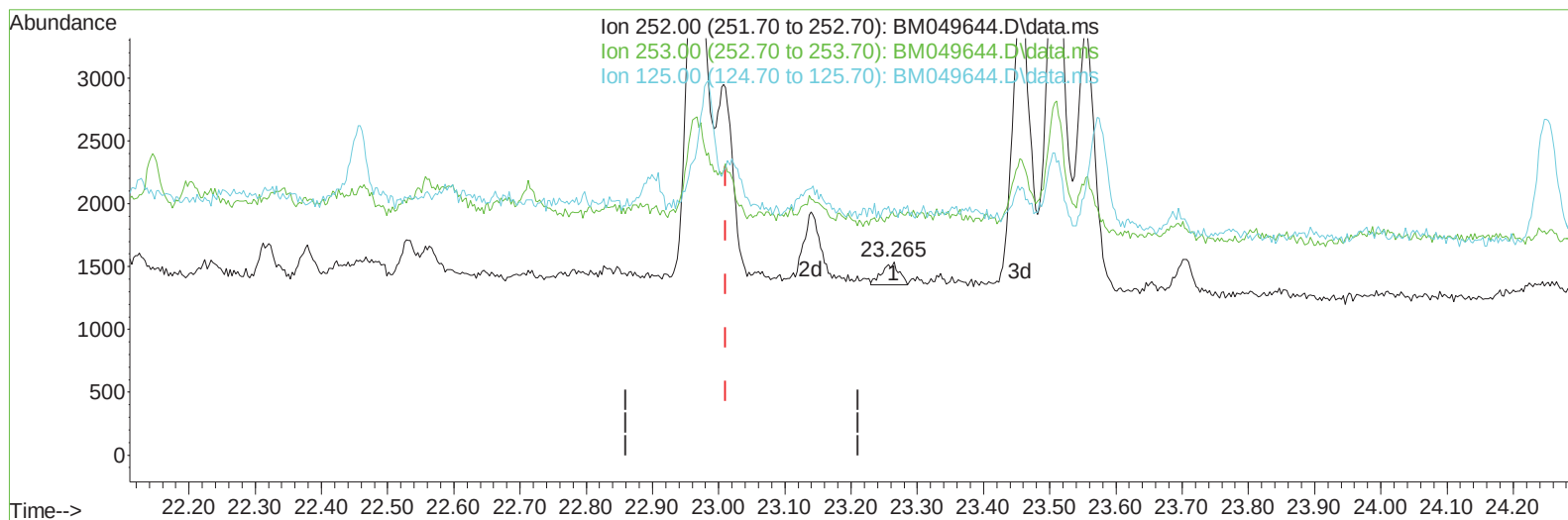
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021225\
Data File : BM049644.D
Acq On : 13 Feb 2025 11:46
Operator : RC/JU
Sample : Q1229-11
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E29B5

Manual IntegrationsAPPROVED

Quant Time: Feb 17 12:30:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021225.M
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QLast Update : Wed Feb 12 16:40:36 2025
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Reviewed By :Rahul Chavli 02/19/2025
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TIC: BM049644.D\data.ms

(25) Benzo(k)fluoranthene

23.265min (+ 0.254) 0.00 ng/u1

response 318

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.30	123.88#
125.00	13.00	127.98#
0.00	0.00	0.00

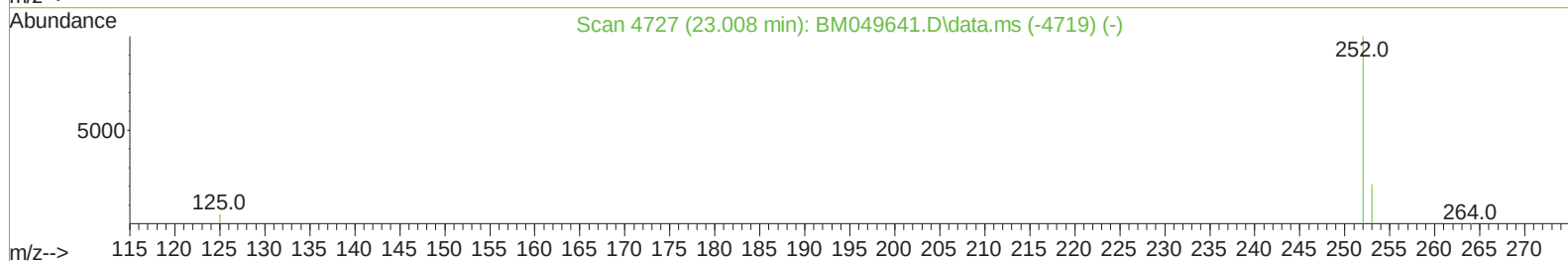
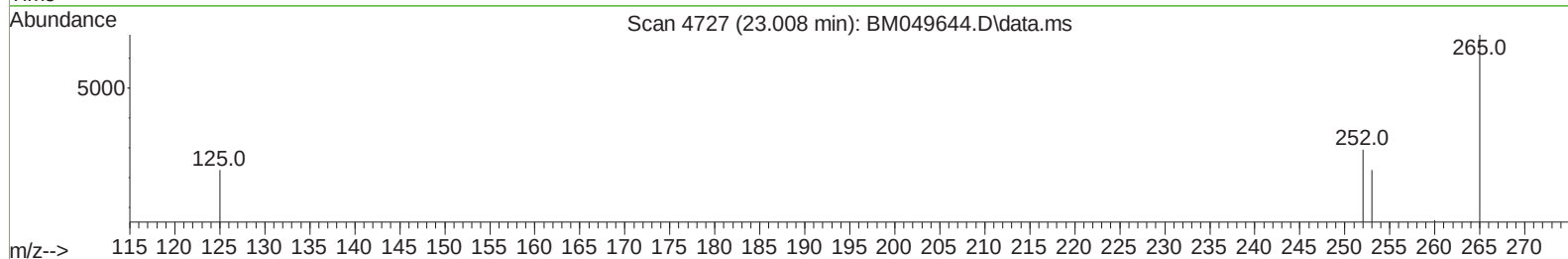
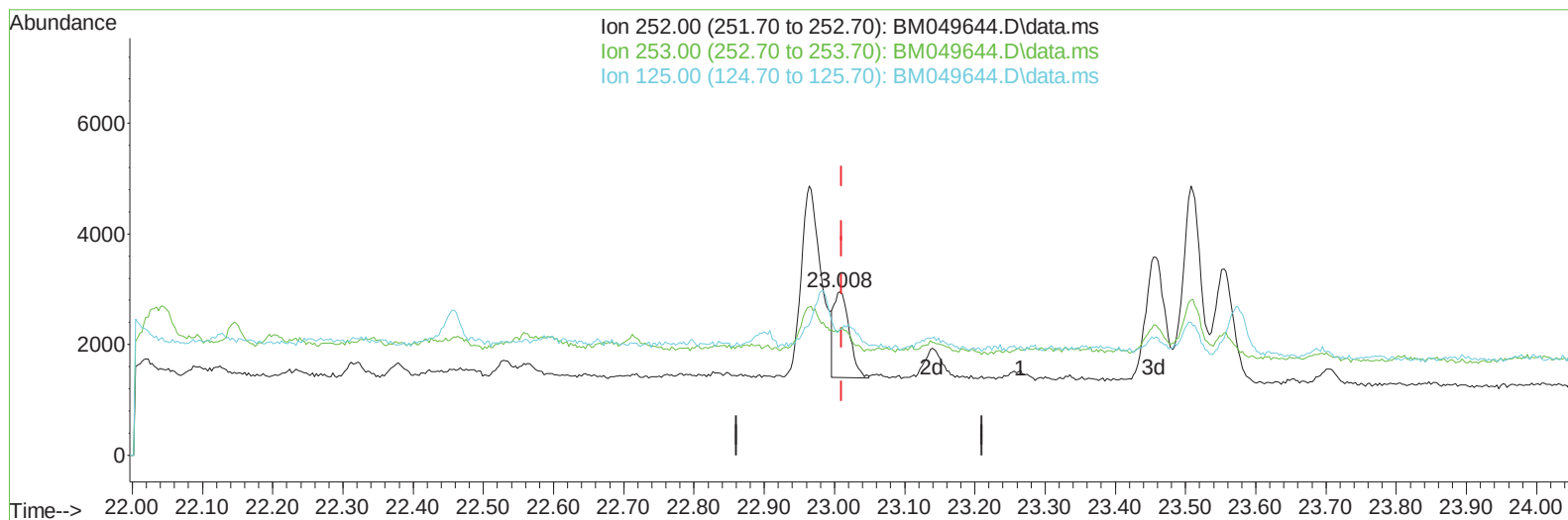
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021225\
Data File : BM049644.D
Acq On : 13 Feb 2025 11:46
Operator : RC/JU
Sample : Q1229-11
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E29B5

Manual IntegrationsAPPROVED

Quant Time: Feb 17 12:30:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 12 16:40:36 2025
Response via : Initial Calibration

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TIC: BM049644.D\data.ms

(25) Benzo(k)fluoranthene

23.008min (-0.003) 0.02 ng/ul m

response 2348

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.30	76.74#
125.00	13.00	76.77#
0.00	0.00	0.00

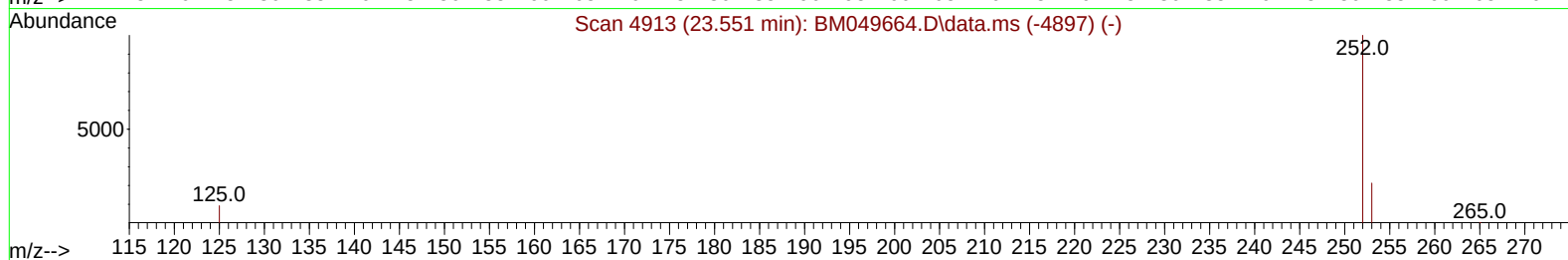
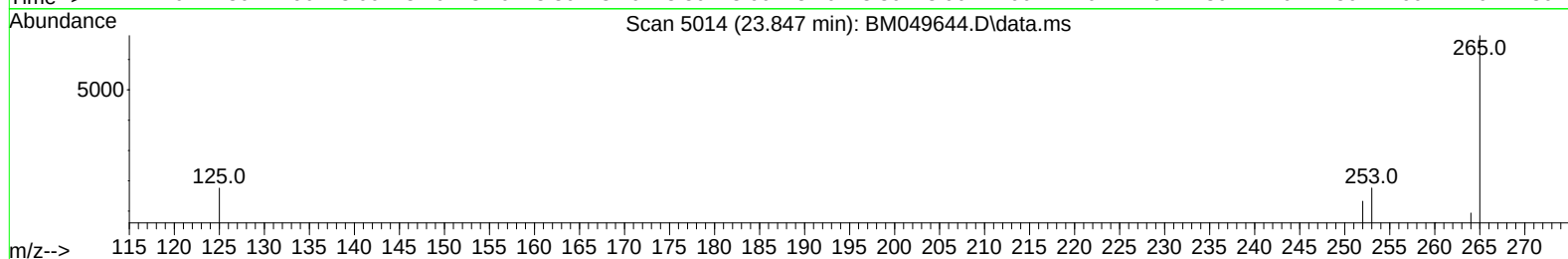
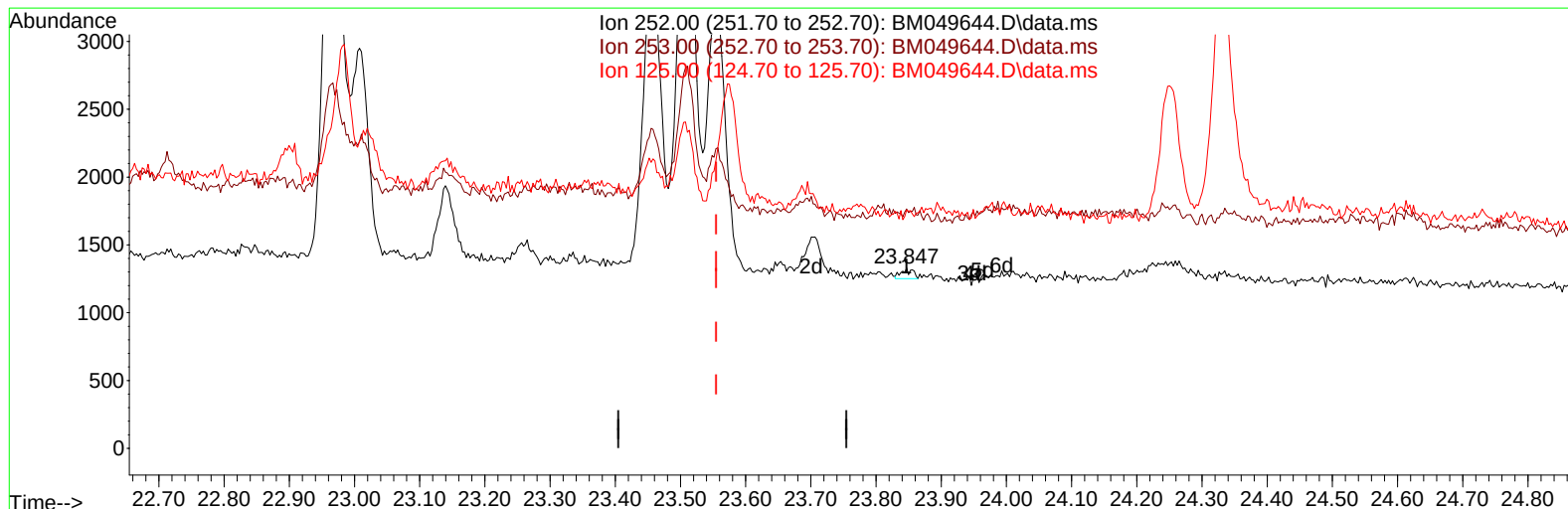
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021225\
Data File : BM049644.D
Acq On : 13 Feb 2025 11:46
Operator : RC/JU
Sample : Q1229-11
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E29B5

Manual IntegrationsAPPROVED

Quant Time: Feb 20 10:05:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 12 16:40:36 2025
Response via : Initial Calibration

Reviewed By :Rahul Chavli 02/19/2025
Supervised By :Jagrut Upadhyay 02/19/2025



TIC: BM049644.D\data.ms

(26) Benzo(a)pyrene (C)

23.847min (+ 0.292) 0.57 ng/u1

response 93

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	132.71#
125.00	15.70	132.11#
0.00	0.00	0.00

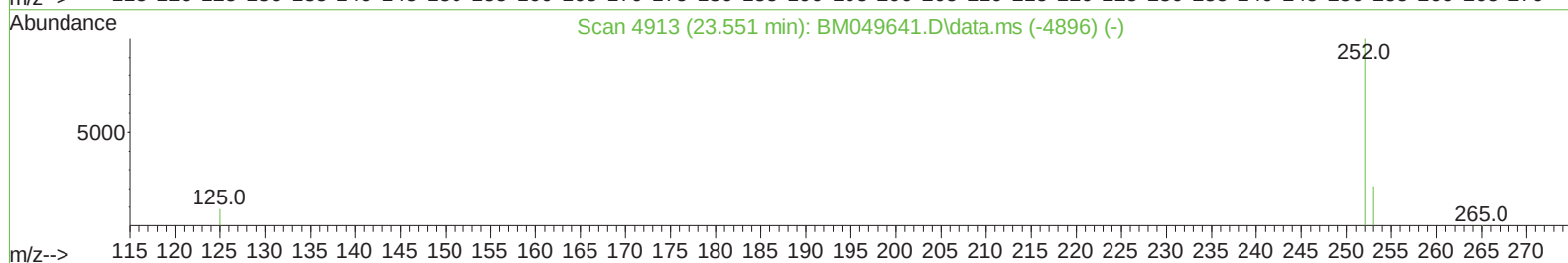
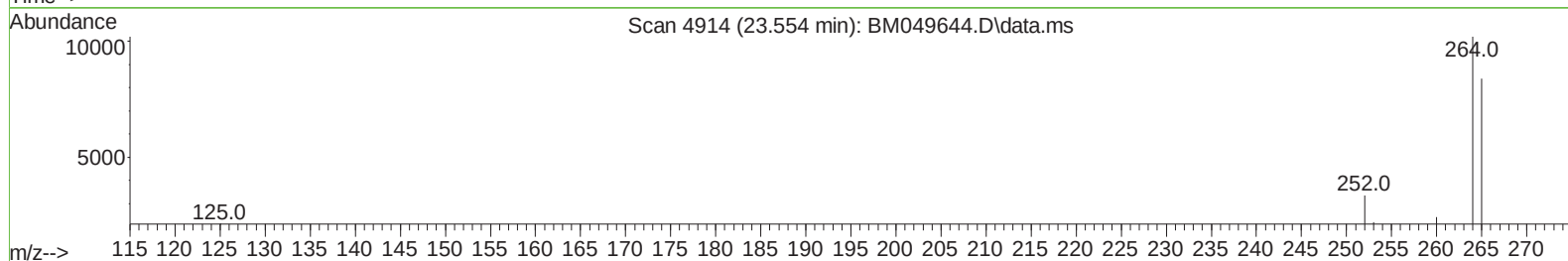
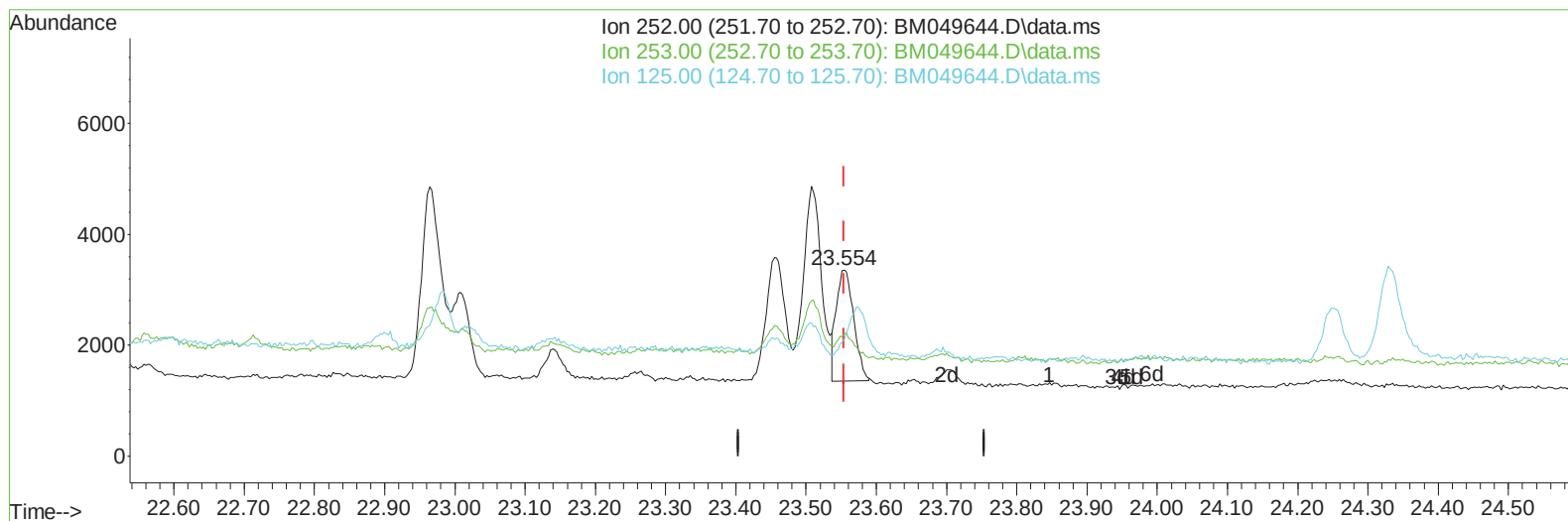
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021225\
Data File : BM049644.D
Acq On : 13 Feb 2025 11:46
Operator : RC/JU
Sample : Q1229-11
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E29B5

Manual IntegrationsAPPROVED

Quant Time: Feb 17 12:30:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 12 16:40:36 2025
Response via : Initial Calibration

Reviewed By :Rahul Chavli 02/19/2025
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TIC: BM049644.D\data.ms

(26) Benzo(a)pyrene (C)

23.554min (-0.000) 0.04 ng/ul m

response 3425

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	65.72#
125.00	15.70	63.11#
0.00	0.00	0.00

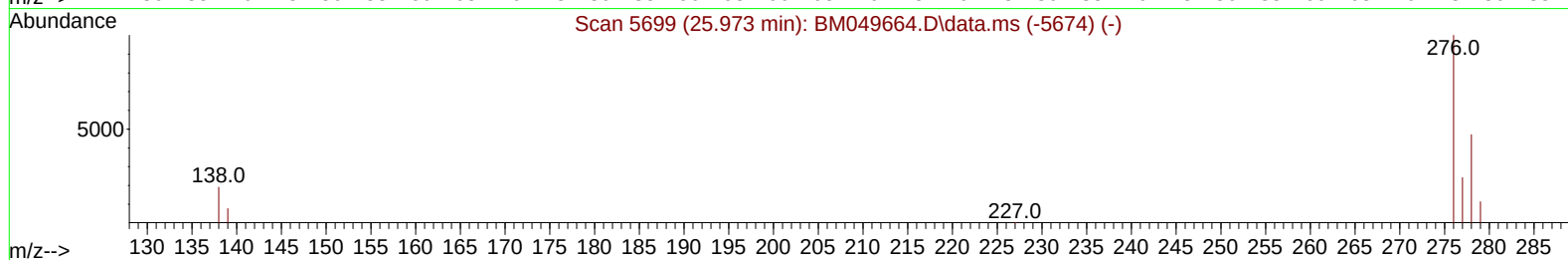
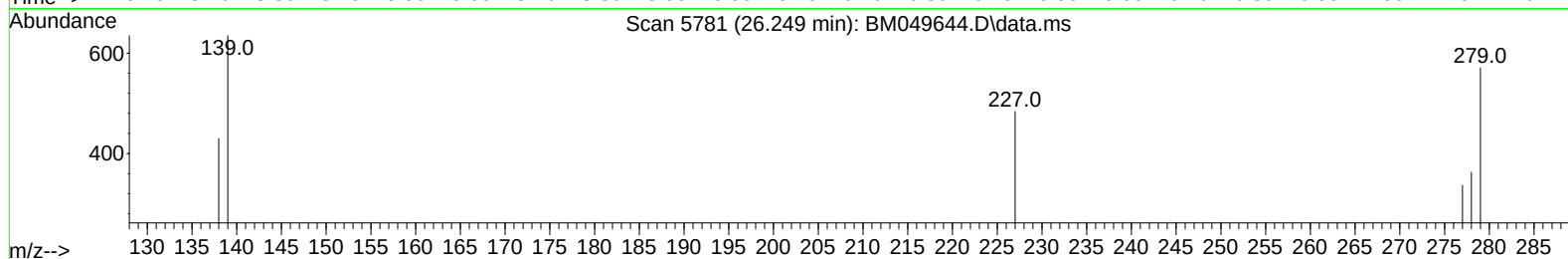
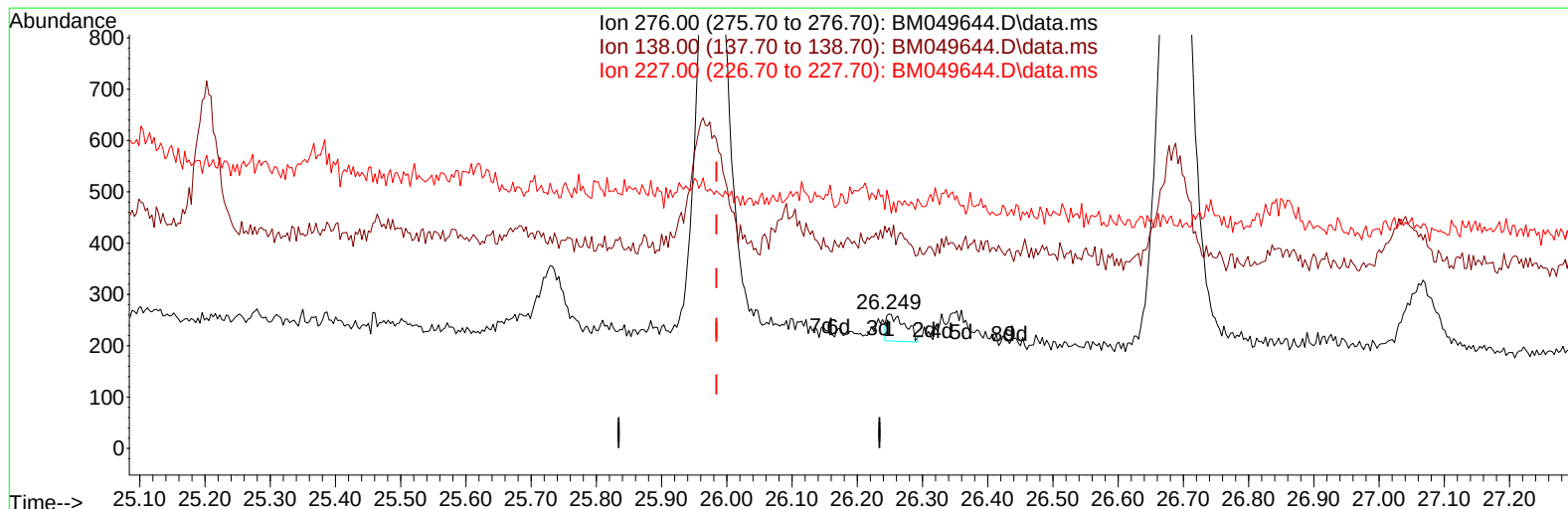
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021225\
Data File : BM049644.D
Acq On : 13 Feb 2025 11:46
Operator : RC/JU
Sample : Q1229-11
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E29B5

Manual IntegrationsAPPROVED

Quant Time: Feb 20 10:05:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021225.M
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QLast Update : Wed Feb 12 16:40:36 2025
Response via : Initial Calibration

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TIC: BM049644.D\data.ms

(27) Indeno(1,2,3-cd)pyrene

26.249min (+ 0.265) 0.45 ng/u1

response 103

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	20.60	0.00#
227.00	0.10	0.00#
0.00	0.00	0.00

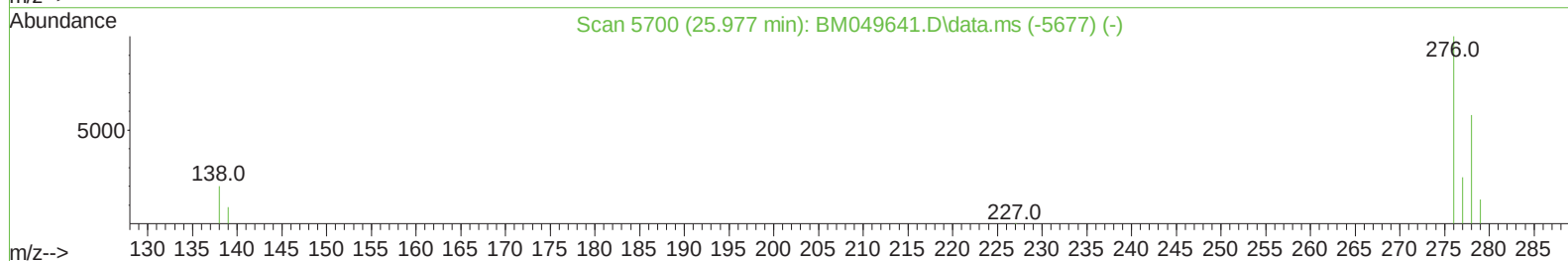
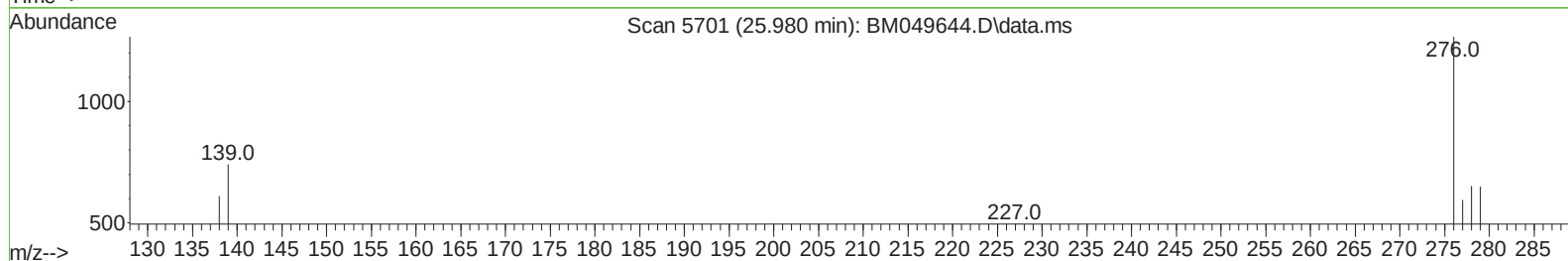
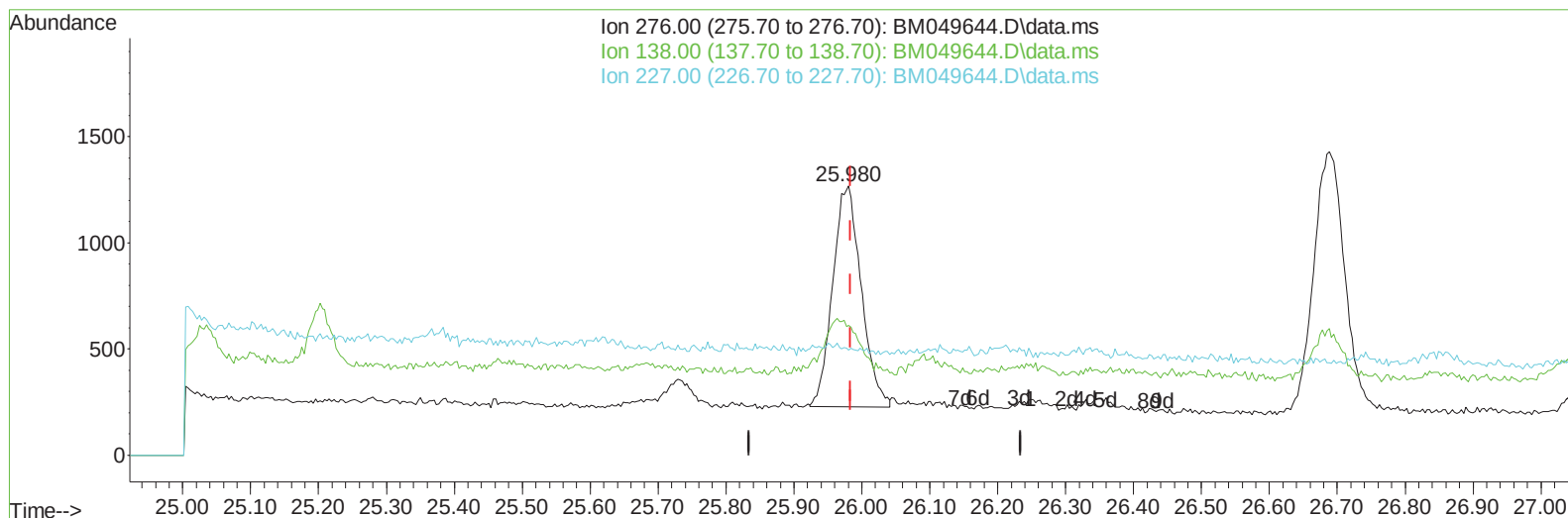
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021225\
Data File : BM049644.D
Acq On : 13 Feb 2025 11:46
Operator : RC/JU
Sample : Q1229-11
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E29B5

Manual IntegrationsAPPROVED

Quant Time: Feb 17 12:30:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021225.M
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TIC: BM049644.D\data.ms

(27) Indeno(1,2,3-cd)pyrene

25.980min (-0.003) 0.02 ng/ul m

response 3035

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	20.60	0.00#
227.00	0.10	0.00#
0.00	0.00	0.00

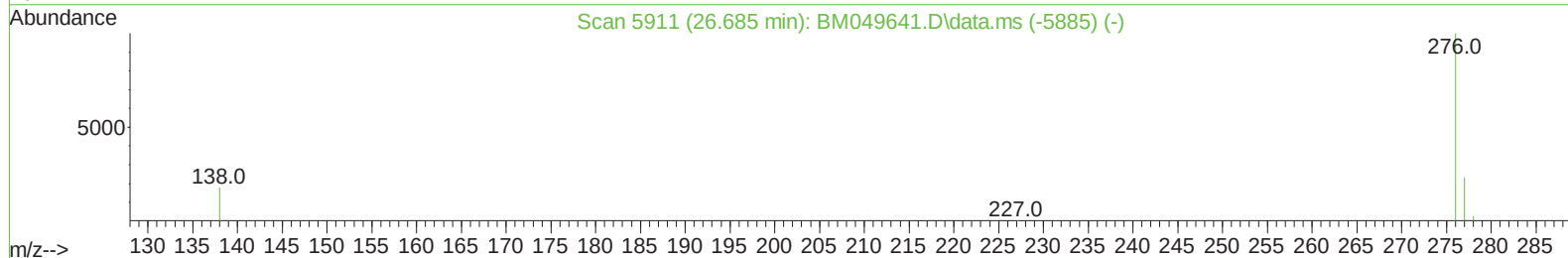
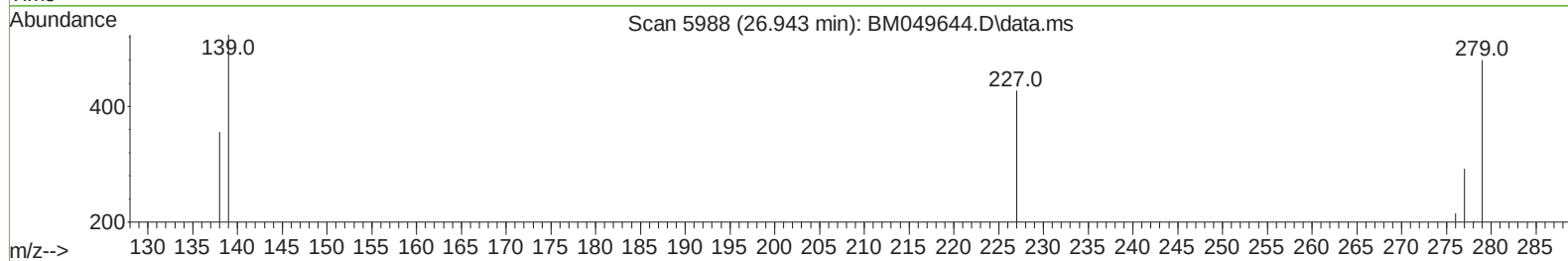
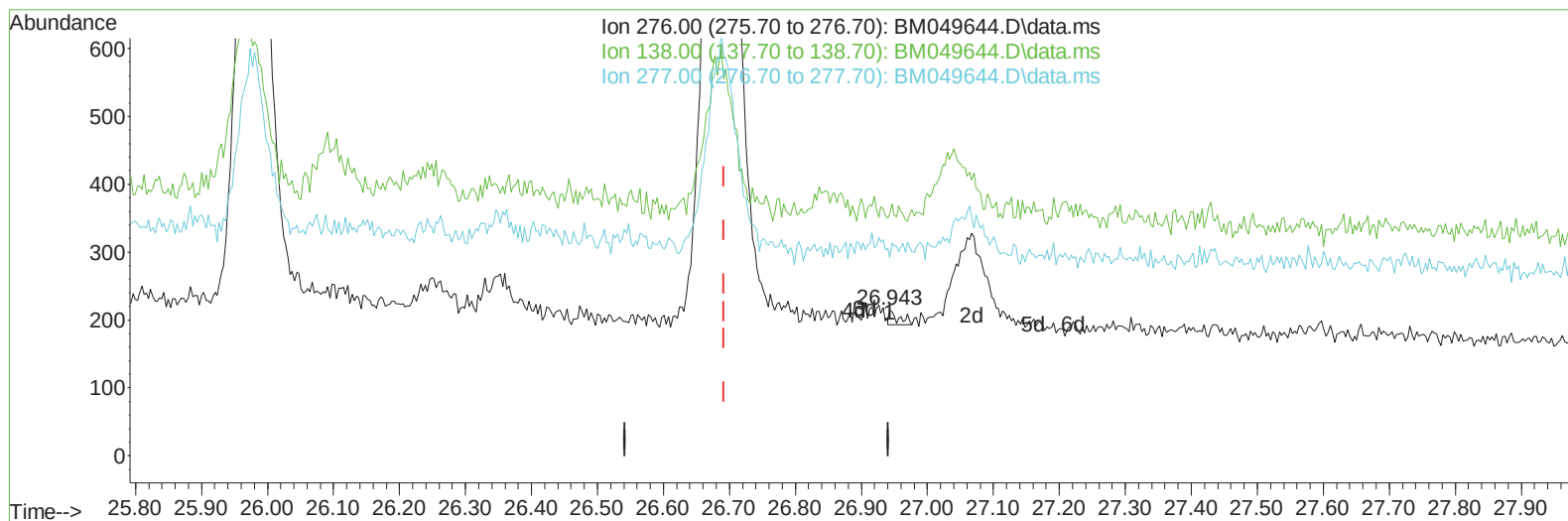
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021225\
Data File : BM049644.D
Acq On : 13 Feb 2025 11:46
Operator : RC/JU
Sample : Q1229-11
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E29B5

Manual IntegrationsAPPROVED

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TIC: BM049644.D\data.ms

(29) Benzo(g,h,i)perylene

26.943min (+ 0.251) 0.00 ng/u1

response 22

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.70	165.58#
277.00	24.90	135.81#
0.00	0.00	0.00

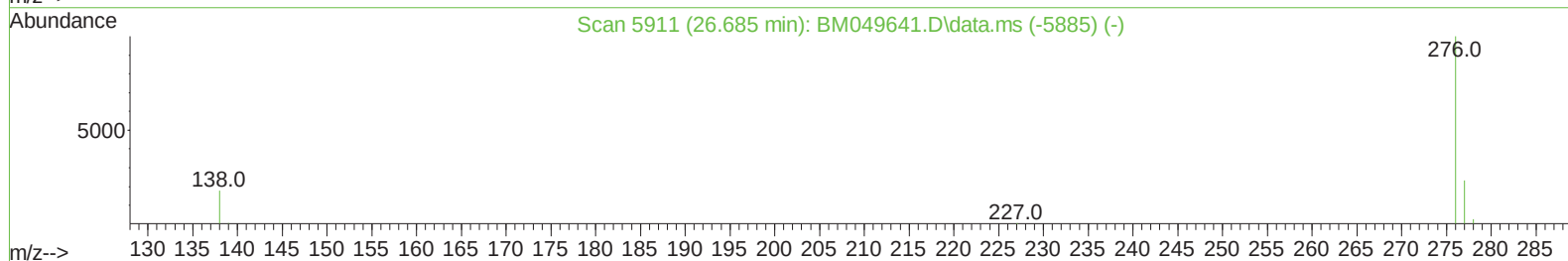
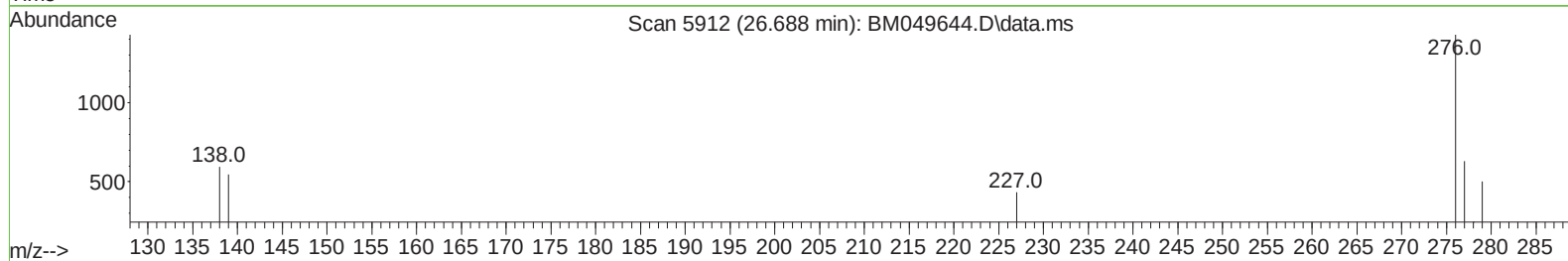
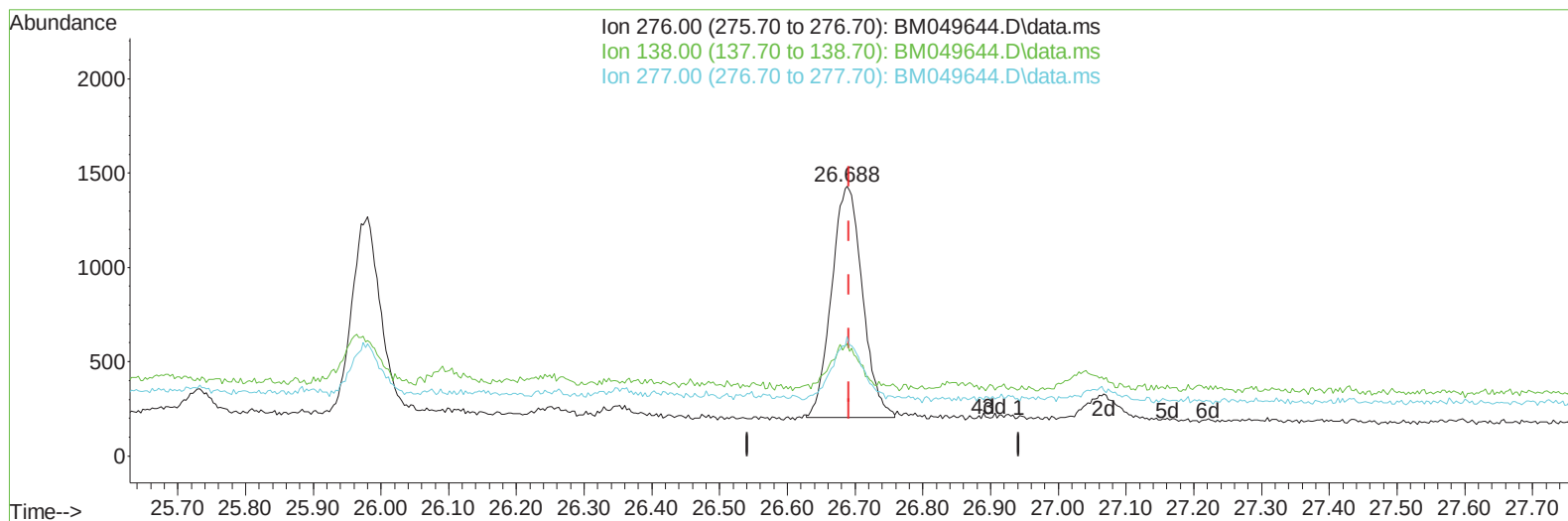
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021225\
Data File : BM049644.D
Acq On : 13 Feb 2025 11:46
Operator : RC/JU
Sample : Q1229-11
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Manual IntegrationsAPPROVED

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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TIC: BM049644.D\data.ms

(29) Benzo(g,h,i)perylene

26.688min (-0.003) 0.04 ng/ul m

response 3878

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.70	41.64#
277.00	24.90	44.16#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021225\
 Data File : BM049644.D
 Acq On : 13 Feb 2025 11:46
 Operator : RC/JU
 Sample : Q1229-11
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E29B5

Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.813	152	7888	0.400	ng/ul	0.00
4) Naphthalene-d8	10.605	136	31348m	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.450	164	22052	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.186	188	41651m	0.400	ng/ul	0.00
17) Chrysene-d12	21.368	240	34871m	0.400	ng/ul	0.00
23) Perylene-d12	23.654	264	29543m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	37600	4.237	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.200	152	7814m	0.181	ng/ul	0.00
18) Fluoranthene-d10	19.215	212	21380m	0.201	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.655	128	25211	0.325	ng/ul	99
7) 2-Methylnaphthalene	12.272	142	8091	0.160	ng/ul	97
8) 1-Methylnaphthalene	12.492	142	14721	0.287	ng/ul	96
11) Acenaphthene	14.515	153	17856	0.262	ng/ul#	74
12) Fluorene	15.495	166	16494	0.212	ng/ul#	80
14) Pentachlorophenol	16.840	266	16550m	1.939	ng/ul	
15) Phenanthrene	17.229	178	36294m	0.326	ng/ul	
16) Anthracene	17.322	178	12089m	0.119	ng/ul	
19) Fluoranthene	19.243	202	24190m	0.168	ng/ul	
20) Pyrene	19.605	202	23445m	0.158	ng/ul	
21) Benzo(a)anthracene	21.351	228	6154m	0.052	ng/ul	
22) Chrysene	21.403	228	8094m	0.064	ng/ul	
24) Benzo(b)fluoranthene	22.964	252	6862m	0.070	ng/ul	
25) Benzo(k)fluoranthene	23.008	252	2348m	0.021	ng/ul	
26) Benzo(a)pyrene	23.554	252	3425m	0.039	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.980	276	3035m	0.024	ng/ul	
29) Benzo(g,h,i)perylene	26.688	276	3878m	0.038	ng/ul	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021225\
Data File : BM049644.D
Acq On : 13 Feb 2025 11:46
Operator : RC/JU
Sample : Q1229-11
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E29B5

Manual IntegrationsAPPROVED

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